Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SEP 8 [illegible] [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 500' FNL, 2380' FWL (Lot 3) 1-2S-4W
At proposed prod. zone: 760' FSL, 760' FWL ($SW\frac{1}{4}SW\frac{1}{4}$) 1-2S-4W

5. LEASE DESIGNATION AND SERIAL NO.: ~~14-20-H62-1873~~ 1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Richard Jenks

7. UNIT AGREEMENT NAME: Not Applicable

8. FARM OR LEASE NAME: Ute-Jenks

9. WELL NO.: 2-1-~~B~~4

10. FIELD AND POOL, OR WILDCAT: ✓Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S, R4W

12. COUNTY OR PARISH: Duchesne | 13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately one (1) mile south of Altamont, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 760'

16. NO. OF ACRES IN LEASE: 131.73

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: N/A

19. PROPOSED DEPTH: 15,800' (MD)

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

22. APPROX. DATE WORK WILL START*: September 15, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" K-55	54.5#	0- 3,000'	2160 sx, Circ. to Surface *
12-1/4"	9-5/8" N-80	47.0#	0- 8,000'	2175 sx, Class "G"
12-1/4"	9-7/8" CYS-95	62.8#	8000-11,077'	
8-1/2"	5-1/2" S-95	17.0#	0-15,800'	1275 sx 50/50 Pozmix

This location will be directionally drilled from a surface location of 500' FNL, 2380' FWL and bottomed at 760' FSL, 760' FWL. True measured depth 15,800' and true vertical depth of 13,600'.

Under Rule 305.5, ANR Production Company et al either owns or controls the oil and gas under all of Section 1. By directionally drilling this well, it will increase the Wasatch producing zone and therefore should increase production.

* Cement volumes may change due to hole size.
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

ANR Production Company has a current nationwide bond.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Randy L. Barney TITLE Manager, Drlg. & Production DATE 8/28/87

(This space for Federal or State office use)

PERMIT NO. 43-013-31197 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____ DATE: 9-30-87

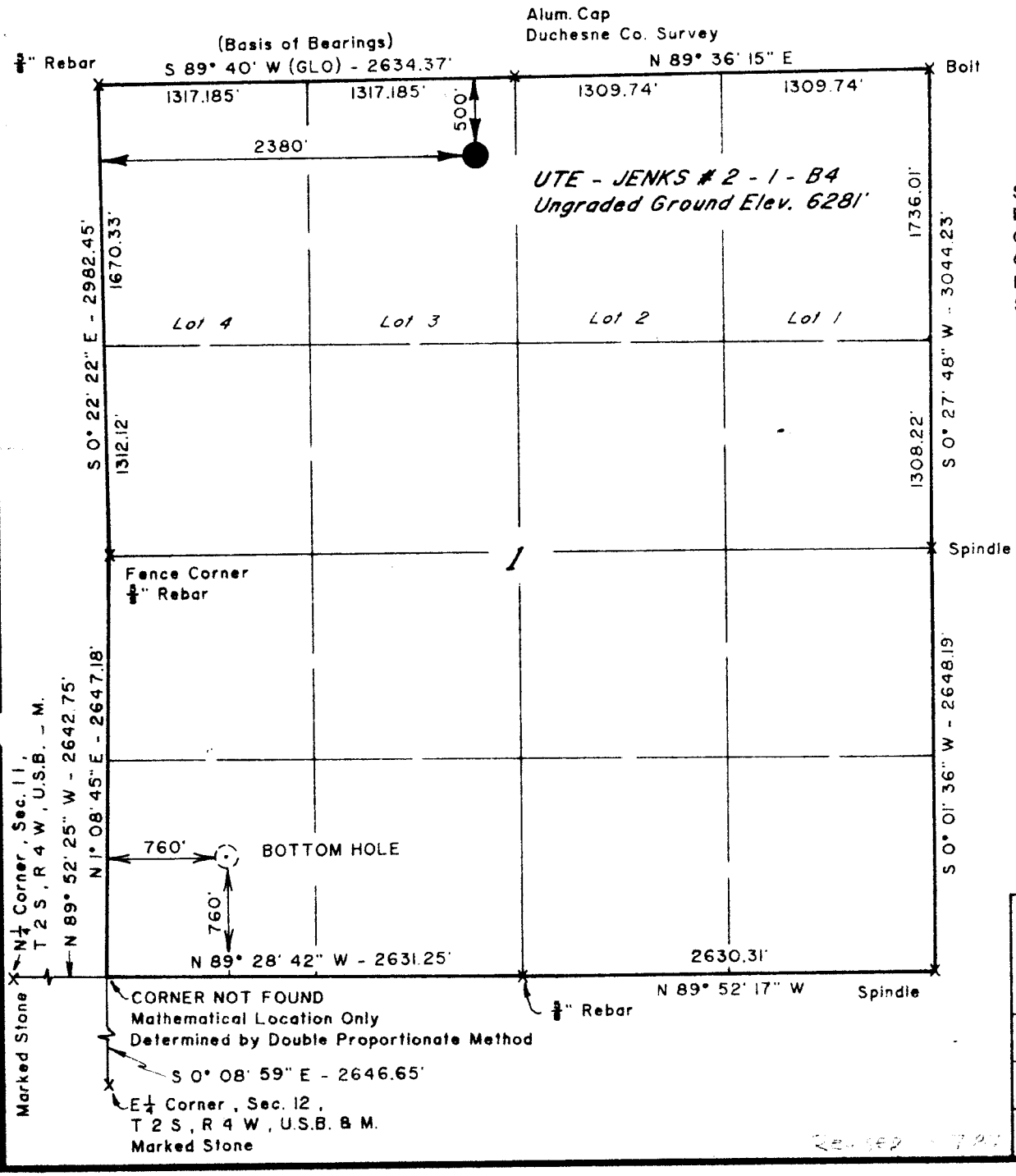
CONDITIONS OF APPROVAL, IF ANY: By: John R. Baza

WELL SPACING: 3942 4/17/85

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

T 2 S, R 4 W, U.S.B. & M.



PROJECT

ANR PRODUCTION CO.

WELL LOCATION, UTE - JENKS # 2 - 1 - B4, LOCATED AS SHOWN IN — LOT 3 (NE¼ NW¼) SECTION 1, T 2 S, R 4 W, U.S.B. & M., DUCHESNE COUNTY, UTAH.

SPOT ELEVATION AT THE NE CORNER OF, SECTION 1, T 2 S, R 4 W, U.S.B. & M., TAKEN FROM THE ALTAMONT QUADRANGLE, UTAH - DUCHESNE COUNTY 7.5 MINUTE QUADRANGLE TOPOGRAPHY MAP PUBLISHED BY THE U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY IN 1965. SAID ELEVATION IS MARKED AS BEING 6271'.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3137
STATE OF UTAH

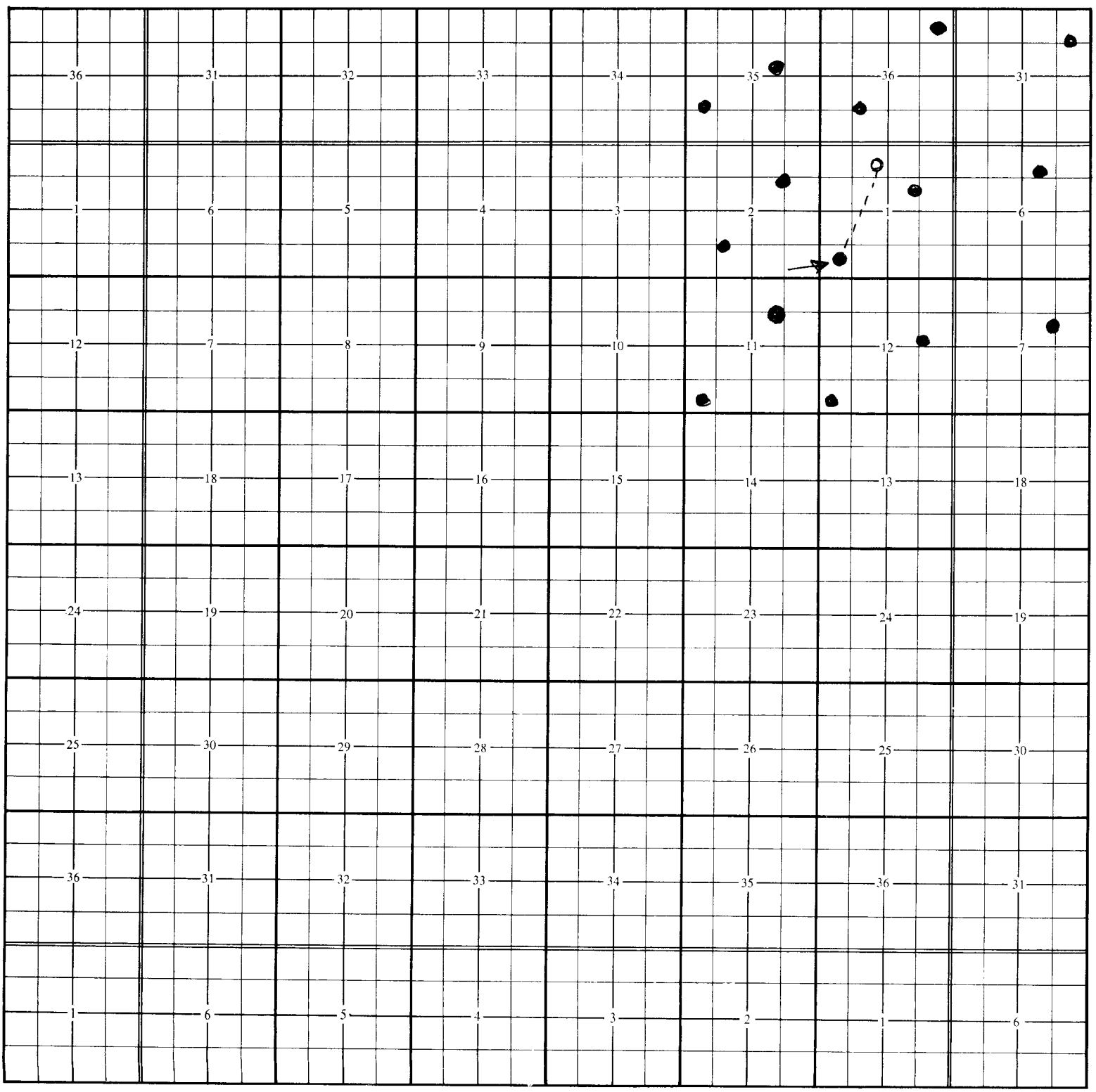
UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q — 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7-20-87
PARTY RK GM DLS	REFERENCES GLO-SEC. BKDWN.
WEATHER RAIN	FILE ANR

TOWNSHIP PLAT

Owner ANR Prod. Co. Date 9-8-87

Township _____ Range _____ County _____



ANR PRODUCTION COMPANY
Tribal Lease #14-20-H62-1873, Ute-Jenks #2-1-B4
NENW, Section 1, T2S, R4W
Duchesne County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Tertiary (Uinta/Duchesne)	Surface	
Lower Green River	9,606' (TVD)	9,717' (MD)
M-1 Marker	10,885' (TVD)	11,304' (MD)
Wasatch	11,085' (TVD)	11,641' (MD)
Total Depth	13,600' (TVD)	15,800' (MD)

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Wasatch 15,800' (MD) Oil/Gas (Primary Objective)

If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Interval(s) At Which Used: 0-3,000'

Type : 20-inch Annular Preventer.

Pressure Rating : 3000 psi Annular Preventer.

Testing Procedure : The Annular Preventer will not be pressure tested for drilling of the surface hole.

B. Interval(s) At Which Used: 3,000-Total Depth

Type : 11" Double Gate Hydraulic with one (1) blind ram (above) and one (1) pipe ram (below) and 11" Annular Preventer; equipped with automatic choke manifold and 11" casing head.

Pressure Rating : 5000 psi BOP, 5000 psi choke manifold, 5000 psi Annular Preventer and 5000 psi casing head.

3. Pressure Control Equipment: Continued

B. Interval(s) At Which Used: 3,000-Total Depth

Testing Procedure : The Annular Preventer will be pressure tested to 50% of the rated working pressure, the BOP and choke manifold will be pressure tested to the rated working pressure or 70% of the internal yield strength of the surface casing, whichever is less, for a period of fifteen (15) minutes upon installation; once every thirty (30) days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

Fill line will be two (2) inches, kill line will be two (2) inches, choke relief line will be two (2) inches. BOP drills and tests will be recorded in the driller's log.

The choke manifold and BOP extension rods with handwheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head. Exact locations and configurations will depend upon the particular rig contracted to drill this hole.

The choke line (the line which connects the BOP stack to the choke manifold) will be as straight as possible and turns, if required, will have a targeted T block if the required BOP stack is three (3) thousand pounds or greater.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program:

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
17-1/2"	13-3/8"	54.5#	K-55	ST&C	0- 3,000'
12-1/4"	9-5/8"	47.0#	N-80	LT&C	0- 8,000'
12-1/4"	9-7/8"	62.8#	S-95	LT&C	8000-11,077'
8-1/2"	5-1/2"	17.0#	S-95	LT&C	0-15,800'

4. The Proposed Casing and Cementing Program: Continued

A. Casing Program: Continued

Casing String(s), will be pressure tested to 0.2 psi/foot, or 1000 psi, whichever is greater.

B. Cementing Program:

Surface Casing : Lead with approximately 1860 sx Lite; tail with 300 sx Class "G" cement, circulated to surface.

Protective Casing : 1st Stage - 1950 sx Class "G" with 0.1% Diacel LWL, 0.75% HC-2, 1.5% Howco Suds, 249 MCF N_2.

2nd Stage - 225 sx Class "G" with 0.4% Halad 24 + Retarder.

Production Casing : 1275 sx 50/50 Pozmix with 3% KCl, 0.6% Halad 322, 0.2% Super CBL, 1/4#/sx Flocele + Retarder.

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

5. Mud Program: (Monitor with PVI and Flow Sensor Device)

Interval	Type	Weight	Viscosity	Fluid Loss
0- 3,000'	Native Mud	8.5- 9.0	35-50	No Control
3,000- 8,200'	Fresh Water	8.3- 8.7	26-29	No Control
8,200-11,077'	Gel/Polymer	8.6-12.2	40-65	10-12 cc's
11,077-15,800'	Invert Oil Emulsion	12.2-15.5	35-40	5 (HTHP)

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise. Inventory will not be less than the required amount needed to drill this well.

6. Evaluation Program:

Logs : DIL-GR-SP - 15,800' - 11,077'
BHC-Sonic-GR - 15,800' - 11,077'
Multi-Shot Survey - 9,100' - 3,000'

6. Evaluation Program: Continued

DST's : None.

Cores : None.

Evaluation Program may change at the discretion of the well-site geologist, with prior approval of the Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accomodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the District Manager.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H_2S gas has been reported or known to exist from previous drilling in this area at this depth. Maximum anticipated bottom hole pressure equals 6857 psi.

8. Drilling Activity and Auxiliary Equipment:

A. Drilling Activity:

Anticipated Commencement Date	:	September 15, 1987
Drilling Days	:	Approximately 60 Days
Completion Days	:	Approximately 30 days

8. Drilling Activity and Auxiliary Equipment: Continued

B. Auxiliary Equipment:

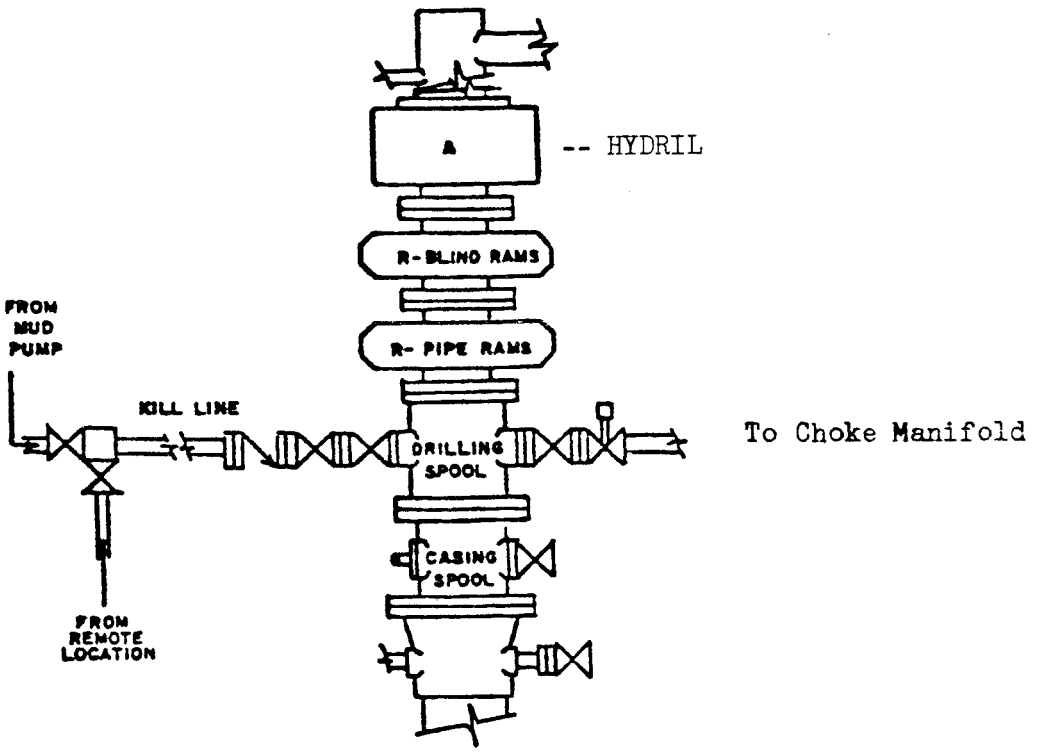
1. A kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system (refer to Item #5 for additional information).
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.
4. Float shoe, float collar and centralizers will be utilized in the drill string.

9. Additional Information:

1. This well will be directionally drilled from a surface location of 500' FNL and 2380' FWL to a bottom hole location of 760' FSL and 760' FWL. Hole deviation will begin at 9,100 feet with the well kicked out to 53 degrees by 10,887' (MD) at an angle build rate of 1 degree per 100 feet of hole. The 53 degree angle will be maintained to a total depth of 15,800' (MD) and 13,600' (TVD). Total displacement will be 4,796 feet at South 23 degrees West.

ANR PRODUCTION COMPANY
Tribal Lease #14-20-H62-1873, Ute-Jenks #2-1-B4
NENW (Lot 3), Section 1, T2S, R4W
Duchesne County, Utah

5,000 psi WORKING PRESSURE BOP STACK



Test Procedure

1) Flush BOP's and all lines to be tested with water.
2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
3) Test the following to rated pressure:
   a) inside blowout preventer
   b) lower kelly cock
   c) upper kelly cock
   d) stand pipe valve
   e) lines to mud pump
   f) kill line to BOP's
4) Close and test pipe rams to rated pressure.
5) Close and test Hydril to rated pressure.
6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
7) Test all choke manifold valves to rated pressure.
8) Test kill line valves to rated pressure.

BOP ACTUATING SYSTEM

1) Accumulator capacity will supply 1½ times volume necessary to close all BOP equipment units with a minimum pressure of 203 psi above pre-charge pressure.

2) Accumulator back up system, supplied by a secondary power source independent of primary power source, will be provided with sufficient capacity to close all blowout preventers.

3) Locking devices will be provided on ram type preventers.

4) Primary BOP actuating control will be hydraulic and located either in the dog house or on the rig floor. Back up control will be provided by hand-wheel manual operation of BOP.

CHOKE MANIFOLD

All valves and fittings will be rated at 5000# working pressure.

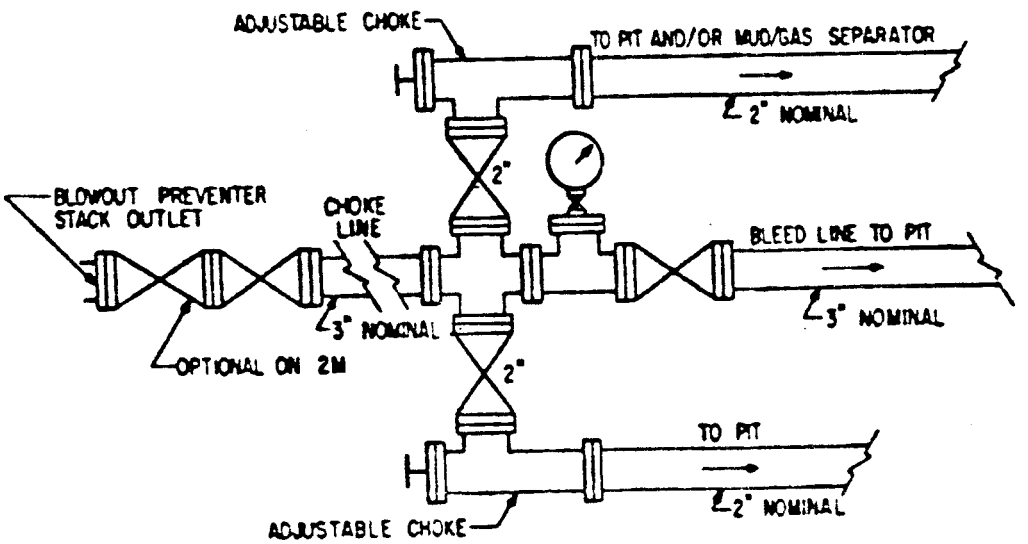


FIG. 3.A.1

TYPICAL CHOKE MANIFOLD ASSEMBLY

ANR PRODUCTION COMPANY
Tribal Lease #14-20-H62-1873, Ute-Jenks #2-1-B4
NENW (Lot 3), Section 1, T2S, R4W
Duchesne County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Map "A" (shown in RED)

   A. The proposed well site is staked and four 200-foot reference stakes are present.
   B. To reach the location from the town of Altamont, Utah; proceed east approximately 0.5 mile on Utah Highway 87, thence south approximately 1.0 mile on Utah Highway 87, thence west approximately 0.5 mile on an existing county road (crowned & ditched with a gravel surface), thence west approximately 300 feet on an existing county road (crowned & ditched with a scoria surface), thence south approximately 300 feet to the proposed well location.
   C. Access Roads - refer to Maps "A" and "B".
   D. Access roads within a one-mile radius - refer to Map "B".
   E. The existing county roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

   Approximately 300 feet of new road construction will be required for access to the proposed Ute-Jenks #2-1-B4 well location.

   A. Width - 30-foot right-of-way with 18-foot running surface, crowned & ditched. Access road construction will conform to standards outlined in the 1978 USGS/BLM/USFS publication: Surface Operating Standards for Oil & Gas Exploration and Development.
   B. Maximum grade - 1%.
   C. Turnouts - none.
   D. Drainage design - the access road will be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a safe, well constructed road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30-foot right-of-way will not be allowed. Road drainage crossings (if required) will be of the typical dry creek drainage crossing type. Crossings will be

2. Planned Access Roads:

D. Drainage design - continued
designed so they will not cause siltation or accumulation of debris in the drainage crossing nor will the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water will be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be performed during muddy conditions. Should mud holes develop, they will be filled in and detours around them avoided.

E. Culverts, cuts and fills - one 18-inch culvert will be required at the junction of the proposed access road and the existing county road and one 18-inch culvert will be required at the junction of the proposed access road and the location. There are no major cuts or fills along the proposed access route.

F. Surfacing material - gravel will placed on the proposed access road to a minimum depth of four (4) inches. The gravel for the access road will be purchased from a local contractor having a permitted source of materials in the area.

G. Gates, cattleguards or fence cuts - one (1) cattleguard will be required in the E/W right-of-way fence along the existing county road. A second cattleguard will be required at the junction of the proposed access road and location in the fence to be constructed around the well pad. ANR Production Company will be responsible for all maintenance on cattleguards associated with the Ute-Jenks #2-1-B4 well location.

H. The proposed access road is flagged.

3. Location of Existing Wells Within a One-Mile Radius:

A. Water wells - none known.
B. Abandoned wells - none known.
C. Temporarily abandoned wells - none.
D Disposal wells - none known.
E. Drilling wells - none.
F. Producing wells - SENE, Section 1, T2S, R4W.
SWNE, Section 2, T2S, R4W.
G. Shut-in wells - none.
H. Injection wells - none.
I. Monitoring wells - none.

4. Location of Existing and/or Proposed Facilities Owned by ANR Production Company Within a One-Mile Radius:

A. Existing.
   1. Tank batteries - none.
   2. Production facilities - none.
   3. Oil gathering lines - none.
   4. Gas gathering lines - none.

B. New Facilities Contemplated.
   1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the edge of the location (top of the fill slope).
   2. Production facilities will require an area approximately 350' X 150'. An "as-built" diagram of the production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) prior to commencement of installation operations.
   3. Production facilities will be installed on the existing well pad. Construction materials needed for installation of the production facilities will be obtained from the site; any additional materials needed will be purchased from a local supplier. A dike will be constructed completely around the production facilities (i.e., production tanks, produced water tanks and/or heater/treater). The dikes will be constructed of compacted subsoil, be impervious, and hold 1.5 times the capacity of the largest tank. The integrity of the dike(s) will be maintained throughout the productive life of the well.
   4. All permanent (on-site for six months or longer) above-the-ground structures constructed or installed (including pumping units) will be painted Sand Beige (Munsell standard color #5Y6/3). All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The entire location will be fenced with woven wire mesh topped with two (2) strands of barbed wire held in place by side posts and corner "H" braces in order to protect livestock and wildlife. The fence will be constructed as prescribed in the 1978 USGS/BLM/USFS publication: Surface Operating Standards for Oil & Gas Exploration and Development.

4. Location of Existing and/or Proposed Facilities Owned by ANR Production Company Within a One-Mile Radius: Cont.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road and any additional areas specified in the Application for Permit to Drill.
E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Indian Affairs and/or the Surface Allottee.

5. Location and Type of Water Supply:

A. Fresh water for spudding will be obtained from an existing irrigation canal directly adjacent to the proposed Ute-Jenks #2-1-B4 well location. Application for a Temporary Water Right will be filed with the Water Rights Division, Utah Department of Natural Resources prior to diversion.
B. Water will be pumped via temporary surface pipeline from the point of diversion to the proposed Ute-Jenks #2-1-B4 well location. No construction will be required on/along the proposed pipeline route. No off lease Federal or Indian lands will be crossed on/along the proposed pipeline route.
C. No water well will be drilled on this location.

6. Source of Construction Materials:

A. Due to an extremely high water table, the well pad will be constructed of compacted fill material which will be placed upon the existing ground at the proposed drillsite. Construction materials needed for well pad construction will be obtained from a local contractor having a permitted source of fill material in the immediate area. Refer to Item #2F regarding construction materials required on the access road.
B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the involved Surface Management Agency.
C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted source of materials in the area.
D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the solids pit. During drilling operations, the cuttings will be disposed of as necessary, according to Bureau of Land Management/Bureau of Indian Affairs and Utah Division of Environmental Health Sciences Rules and Regulations.

B. Drilling fluids - drilling fluids will be contained in tanks on the location and disposed of as indicated in item #7A, above, upon completion of drilling activities.

C. Produced fluids - hydrocarbons produced during completion operations will be placed in test tanks on the location. Water produced during completion operations will be put into tanks as per NTL-2B. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed to an approved disposal site.

D. Sewage - portable, self-contained chemical toilets will be provided by Rocket Sanitation for human waste disposal. The toilet holding tanks will be pumped as necessary, and the contents disposed of in an approved sewage disposal facility.

E. Garbage and other waste material - garbage and inflammable wastes will be contained in a portable trash container and disposed of at the nearest, approved sanitary landfill upon completion of drilling operations. No trash will be burned on location or placed in the solids pit.

F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on the location. The entire location will be fenced according to specifications outlined under item #4C and the fencing will be maintained until the location has been satisfactorily reclaimed.

G. The solids and production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls.

8. Ancillary Facilities:

None

9. Wellsite Layout:

A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned fills across the location (Refer to Figure #1). A diversion ditch will be constructed on the north and west sides of the location below the fill slope and draining to the south.
B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three trailers on location; one each for the mud logger, geologist and toolpusher.
C. An "as-built" diagram showing the proposed production facilities layout will be submitted via Sundry Notice for approval prior to commencement of installation operations.
D. The solids pit will not be lined until conversion to the inverted oil emulsion mud system. At that time, the pit will be lined with a 12 mil plastic liner. A flare pit will be constructed on location and at a minimum of 100 feet from the well head and the inverted oil emulsion mud system tanks.

10. Plans for Reclamation of the Surface:

A. Backfilling of the solids and flare pits will be performed within ninety (90) days after termination of drilling and completion operations. Prior to back-filling, the contents of these pits will be removed and disposed of at an approved disposal facility. Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production on the location. If the well is a dry hole or when abandoned (if productive) the fill material will be removed and the location restored to the original contour. No depressions will be left that would trap water and form ponds. ANR Production Company will submit a surface reclamation plan to the Bureau of Indian Affairs and obtain a prescribed seed mixture and reseeding requirements prior to commencement of reclamation operations, if required.
B. Prior to reseeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface.

10. Plans for Reclamation of the Surface: Continued

C. All disturbed surfaces will be reseeded with a seed mixture recommended by the Bureau of Indian Affairs. Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch, with drill row spacing of six (6) inches. Fall seeding will be completed after September 15 and prior to ground frost. If the first seeding is unsuccessful, subsequent seedings will be conducted until a satisfactory stand of vegetation is obtained.

D. Prior to commencement of drilling operations, the entire location will be fenced "Stock Tight" with woven wire and two (2) tops strands of barbed wire held in place with side posts and corner "H" braces. Refer to item #4C for additional information regarding specifications on the fence. Said fencing will be maintained until final abandonment and commencement of reclamation operations on the location.

E. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substance(s) will be flagged overhead or covered with wire mesh.

F. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or the affected area(s) will be flagged and/or fenced. Other clean-up will be done as needed. If the well is a dry hole, planting and revegetation attempts are considered best in the Fall, 1988, unless requested otherwise.

G. On lands administered by the Bureau of Indian Affairs, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) re-establishing irrigation systems where applicable, (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring revegetation of the disturbed areas to the specifications of the Uintah & Ouray Indian Tribes or the Bureau of Indian Affairs at the time of abandonment.

H. ANR Production Company will submit a plan for controlling noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities, if warranted by the presence of noxious weeds (as identified by the County Extension Office) or required by the Bureau of Indian Affairs.

11. Surface Ownership:

The well site and proposed access road are situated on surface owned by the Uintah & Ouray Indian Tribes, allotted to Richard Jenks and administered by the Tribe and:

United States Department of the Interior
Bureau of Indian Affairs
Uintah & Ouray Agency
Fort Duchesne, Utah 84026
Phone: (801) 722-2406

I certify that ANR Production Company has reached an agreement with the Uintah & Ouray Indian Tribes as to the requirements for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof. If an agreement has not been reached, ANR Production Company agrees to comply with the provisions of the law or regulations governing the Federal or Indian right of re-entry to the surface (43 CFR 3814).

August 28, 1987
Date

Robert M. Anderson/Authorized Agent

12. Other Information:

A. General Description of the Project Area: The project area is within the outer boundary of the Uintah & Ouray Indian Reservation situated in the gently rolling uplands of northeastern Utah in an area west of Big Sand Wash, northeast of Blue Bench, south of the Uinta Mountains, and east of the Lake Fork River. This area is characterized by gently undulated uplands which are subject to intensive agricultural use through irrigation. Flora consists of native grasses and forbs. Fauna consists of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrates and invertebrates.
B. Surface Use Activities: The primary surface use is for grazing.
C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:
   1. The closest source of permanent water is the Lake Fork River located approximately one (1) mile to the west. In addition, an irrigation canal is situated directly adjacent to the proposed location.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued
   2. The closest occupied dwellings are located at the McConkle Ranch: Lot 2, Section 1, T2S, R4W.
   3. There are no known archaeological, historical or cultural sites that will be disturbed by this drilling operation. If, during operations, any archaeological or historical sites, or any object(s) of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Bureau of indian Affairs.

D. Additional Stipulations for Operations on Lands Administered by the Bureau of Indian Affairs:
   1. All roads constructed by Oil and Gas Operators on the Uintah & Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned ny the Uintah & Ouray Indian tribes, (b) the name of the Operator, (c) that firearms are prohibited by all non-Tribal members, (d) that permits must be obtained from the Bureau of Indian Affairs before cutting firewood or other timber products, and (e) only authorized personnel are permitted to use said road.
   2. All well site locations on the Uintah & Ouray Indian Reservation will have an appropriate sign indicating the name of the Operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, section, township, and range).
   3. ANR Production Company shall contact the Bureau of Land Management and the Bureau of Indian Affairs between 24 and 48 hours prior to commencement of construction activities. BLM: (801) 789-1362, BIA: (801) 722-2406.
   4. Each existing fence to be crossed by the access road right-of-way will be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to Bureau of Indian Affairs specifications. A cattleguard with an adjacent 16-foot gate shall be installed in any fence where a

12. Other Information:

D. Additional Stipulations for Operations on Lands Administered by the Bureau of Indian Affairs: Continued

4. Continued
road is to be regularly traveled. If the well is a producer, the cattleguard will be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal and Private lands, the Operator will contact the Bureau of Land Management, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy them that the fence is adequately braced and tied off. The grazing permittee on this land parcel is as follows:

Shawn McConkie
P.O. Box 226
Altamont, Utah 84001
(801) 454-3766

13. Lessee's or Operator's Representative and Certification:

Representative:

Heitzman Drill-Site Services*
Dale Heitzman or
Robert M. Anderson
P.O. Drawer 3579
Casper, Wyoming 82602
(307) 266-4840

ANR Production Company
Randy Bartley, District
Drilling & Prod. Mgr.
P.O. Box 749
Denver, Colorado 80201-0749
(303) 572-1121

* Contact for the pre-drill inspection and additional information if required.

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. ANR Production Company will be fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative(s) to ensure compliance.

13. Lessee's or Operator's Representative and Certification:

Certification: Continued

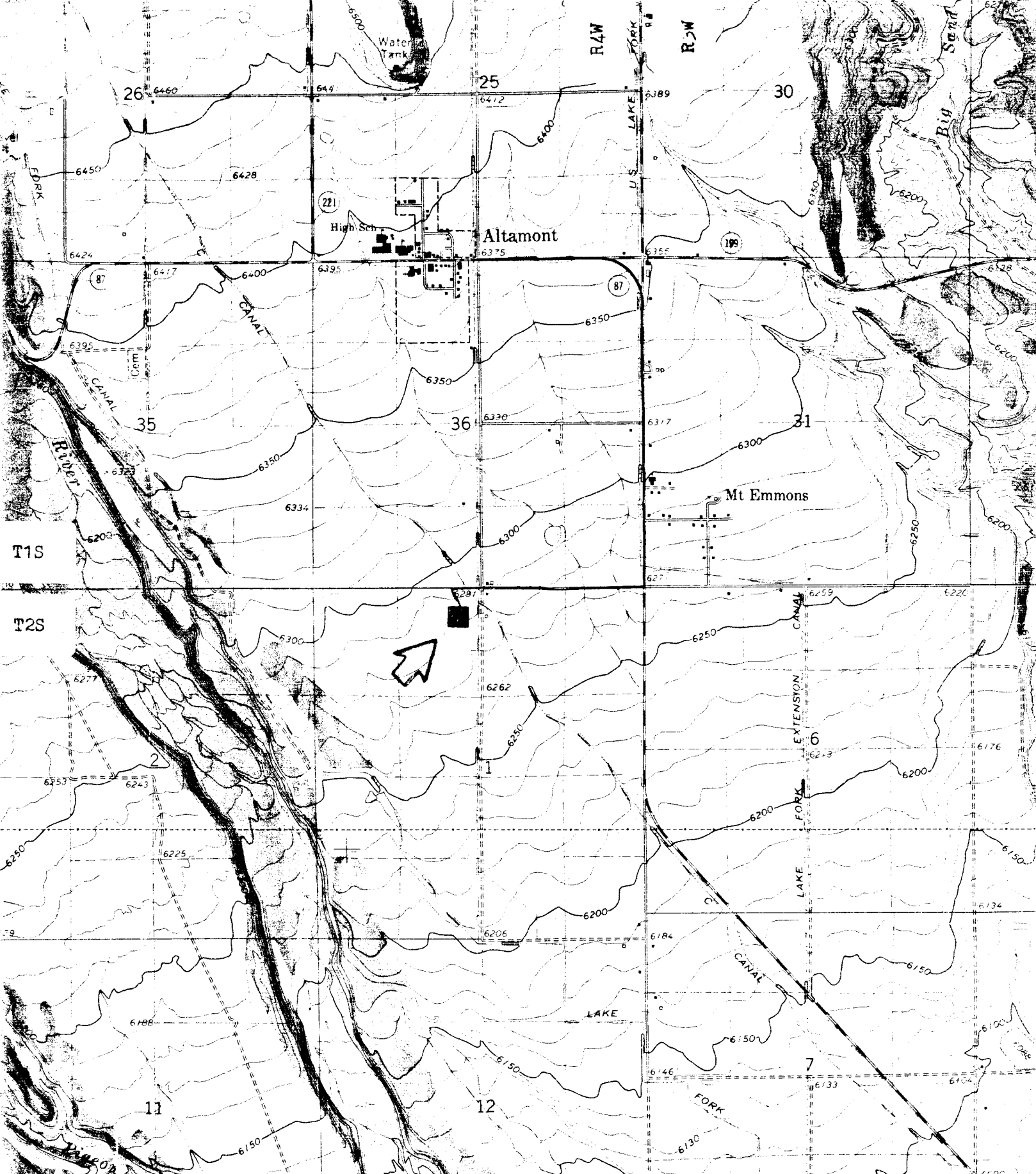
The dirt contractor will be provided with a copy of the Surface Use Plan from the approved Application for Permit to Drill.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by ANR Production Company, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

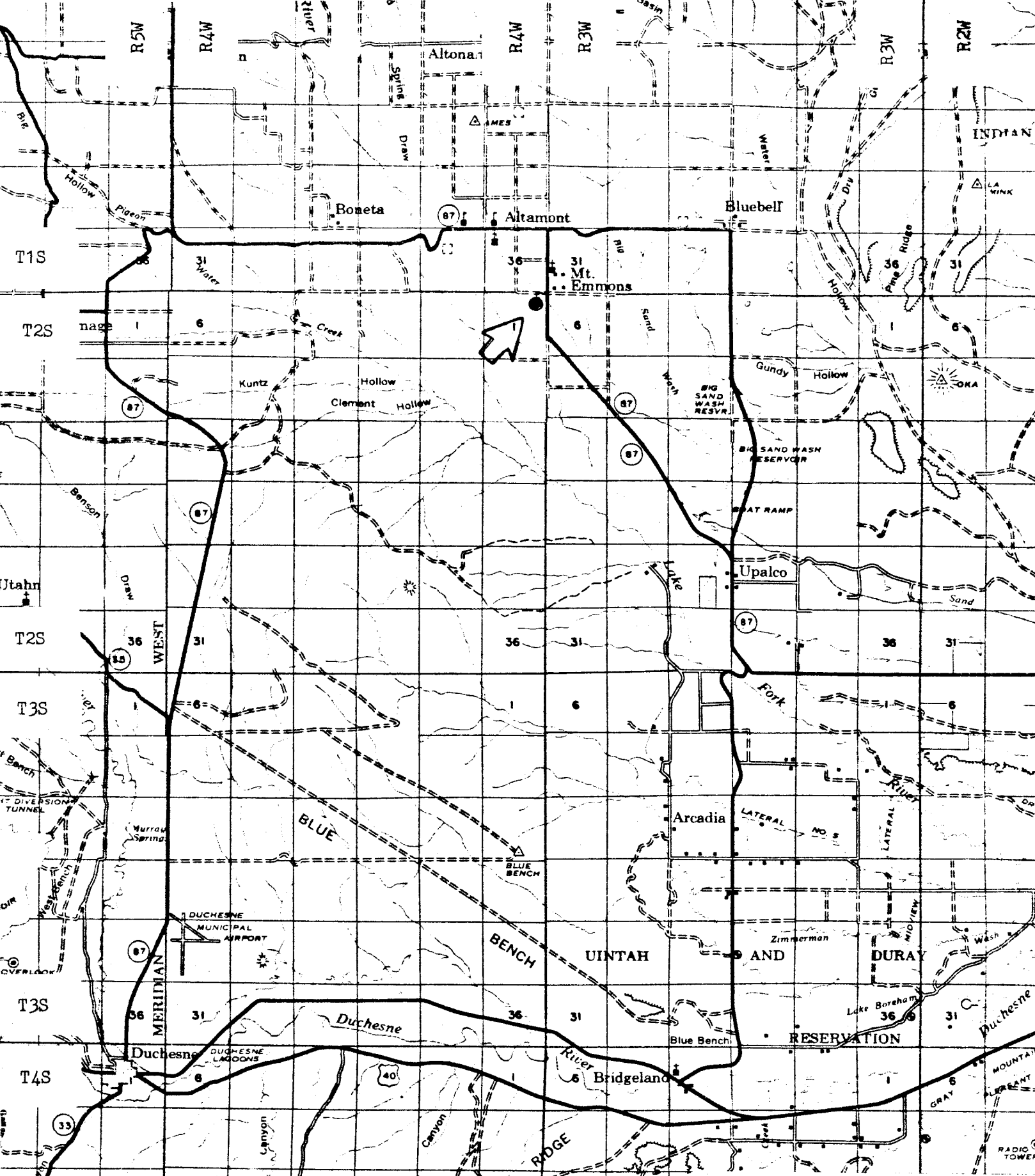
August 28, 1987
Date

Robert M. Anderson/Authorized Agent



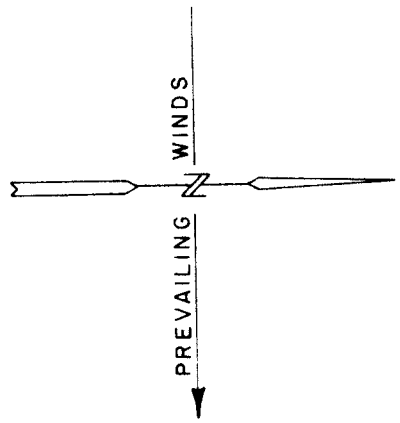
ANR Production Company
Ute-Jenks 2-1-B4
NE¼NE¼NW¼, Section 1
T2S, R4W, UB & M
Duchesne County, Utah

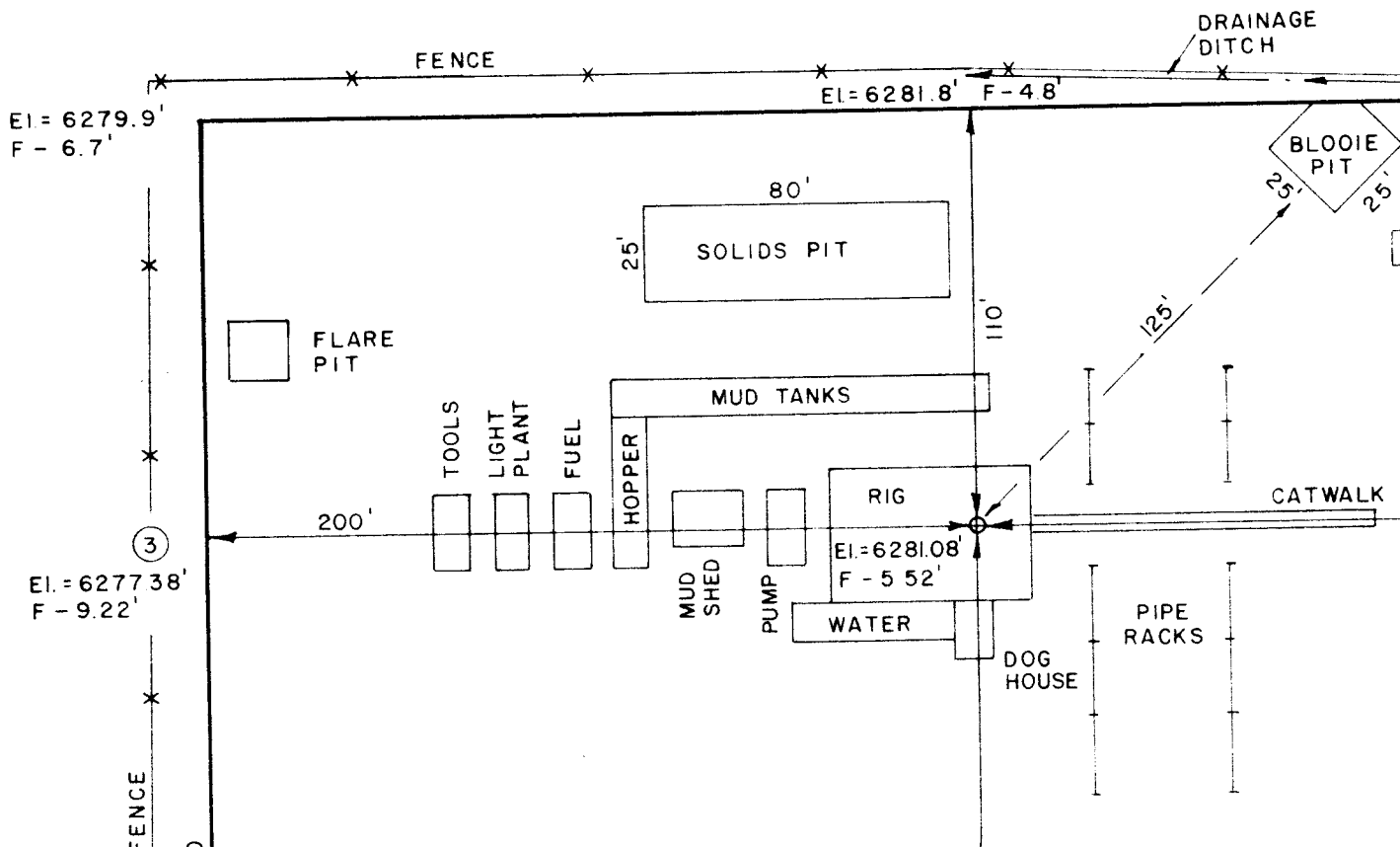
MAP B

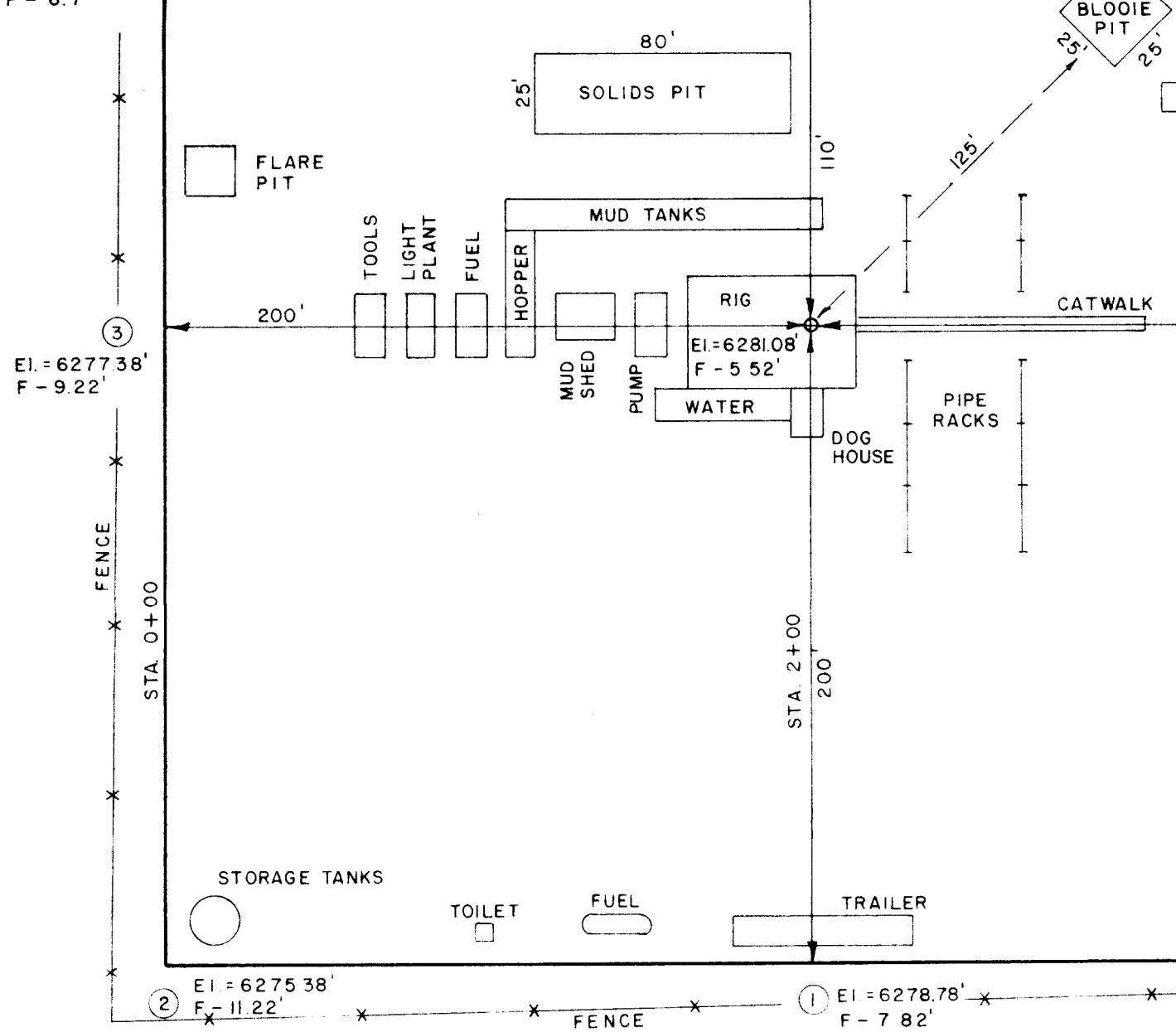


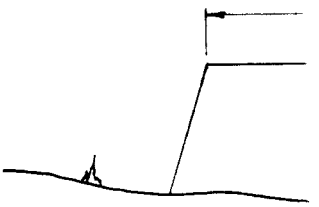
ANR Production Company
Ute-Jenks 2-1-B4
NE¼NE¼NW¼, Section 1
T2S, R4W, UB & M
Duchesne County, Utah

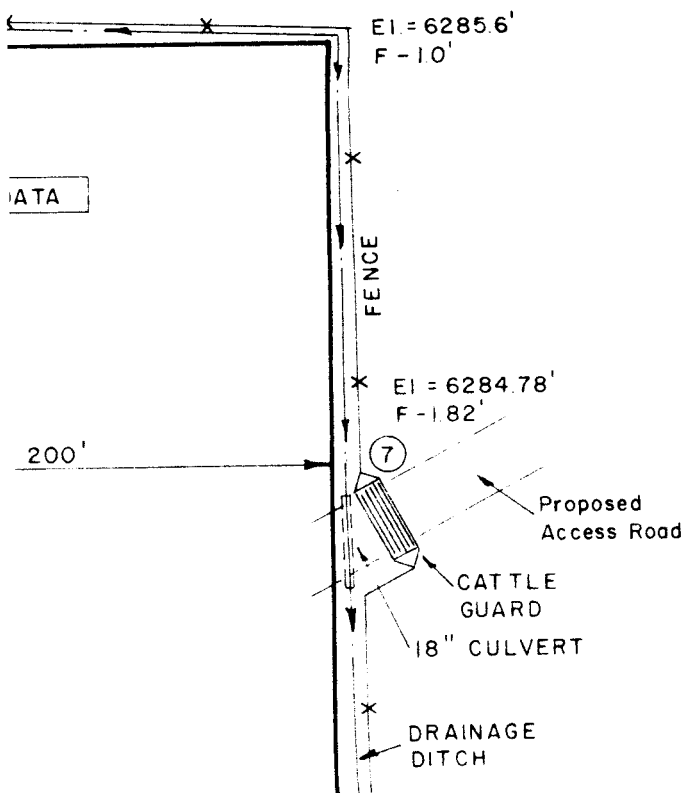
MAP A

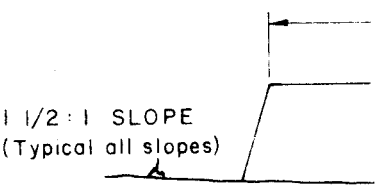

WINDS
PREVAILING

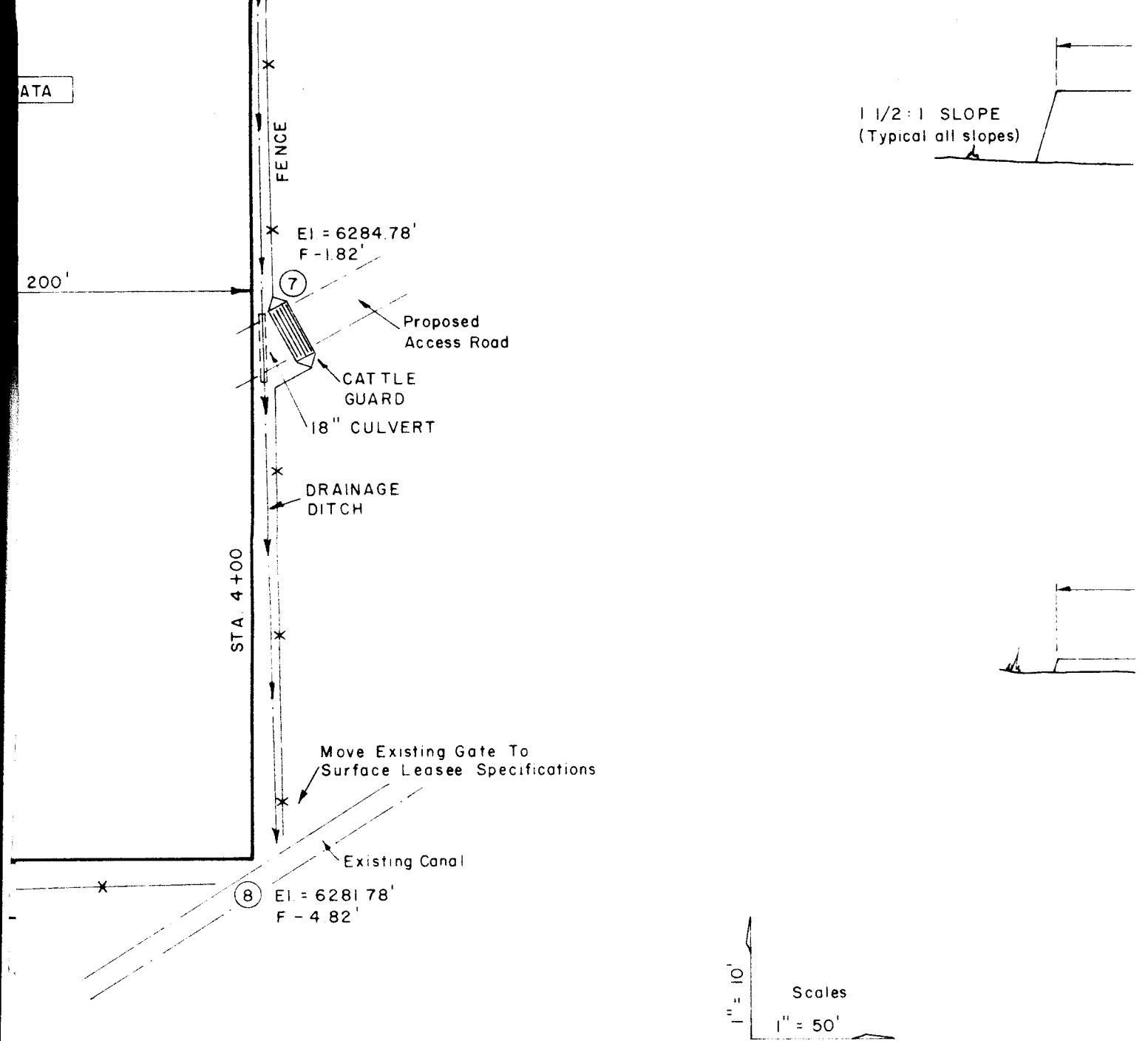

DRAINAGE DITCH
FENCE
El.= 6281.8' F-4.8'
El.= 6279.9' F - 6.7'
BLOOIE PIT
25'
25'
80'
25'
SOLIDS PIT
110'
125'
FLARE PIT
MUD TANKS
TOOLS
LIGHT PLANT
FUEL
HOPPER
RIG
CATWALK
200'
3
El.= 6281.08' F - 5 52'
El.= 6277 38' F - 9.22'
MUD SHED
PUMP
WATER
DOG HOUSE
PIPE RACKS
FENCE


80'
25'
SOLIDS PIT
BLOOIE PIT
25'
25'
125'
110'
FLARE PIT
MUD TANKS
TOOLS
LIGHT PLANT
FUEL
HOPPER
RIG
CATWALK
200'
EI. = 6281.08'
F - 5 52'
MUD SHED
PUMP
WATER
DOG HOUSE
PIPE RACKS
3
EI. = 6277.38'
F - 9.22'
FENCE
STA. 0+00
STA. 2+00
200'
STORAGE TANKS
TOILET
FUEL
TRAILER
2
EI. = 6275.38'
F - 11.22'
FENCE
1
EI. = 6278.78'
F - 7 82'




El = 6285.6'
F - 1.0'
FENCE
El = 6284.78'
F - 1.82'
200'
7
Proposed
Access Road
CATTLE
GUARD
18" CULVERT
DRAINAGE
DITCH


1 1/2 : 1 SLOPE
(Typical all slopes)



REVISIONS

ANR PRODUC

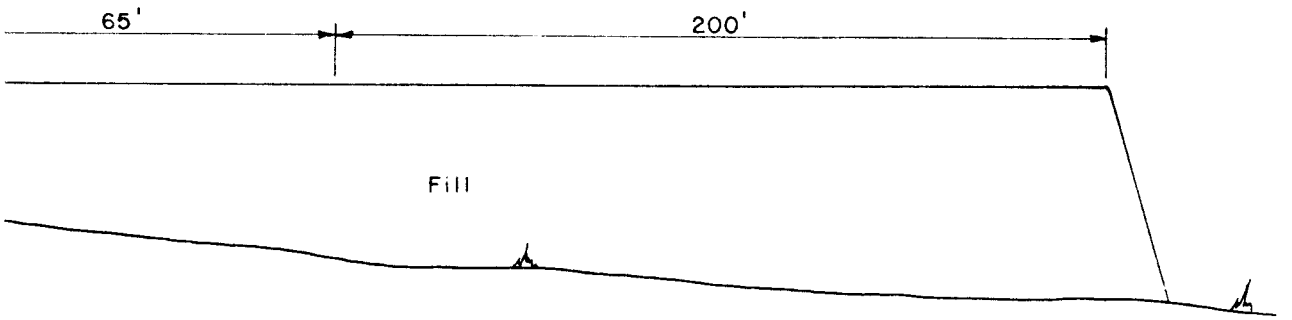
CUT SH

FOR

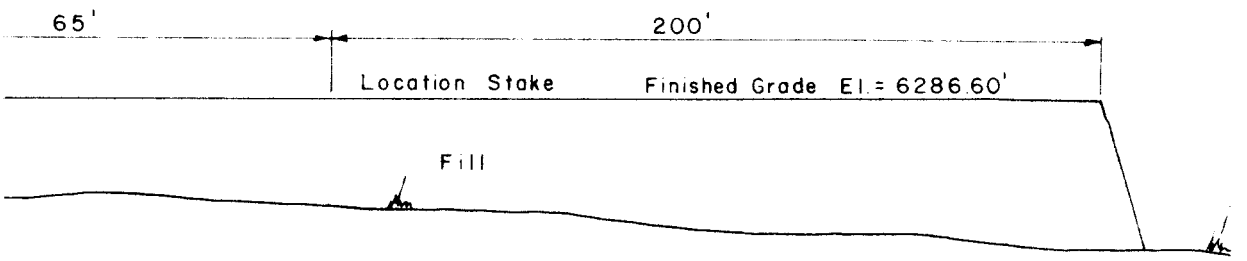
WELL LOCATION UTE

LOCATE

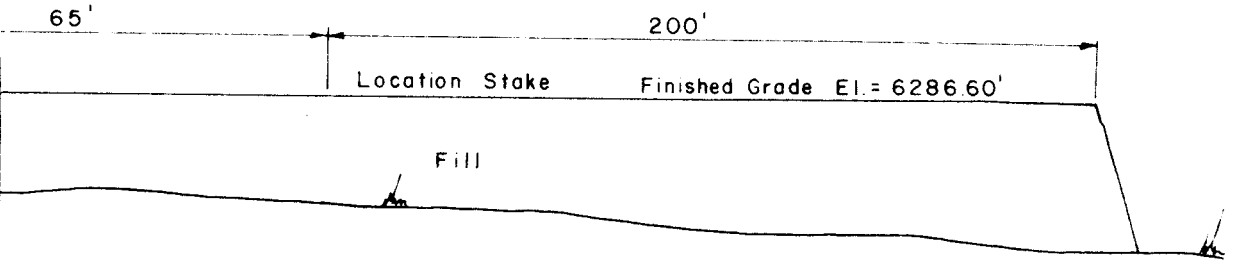
SECTION 1, T2S, R



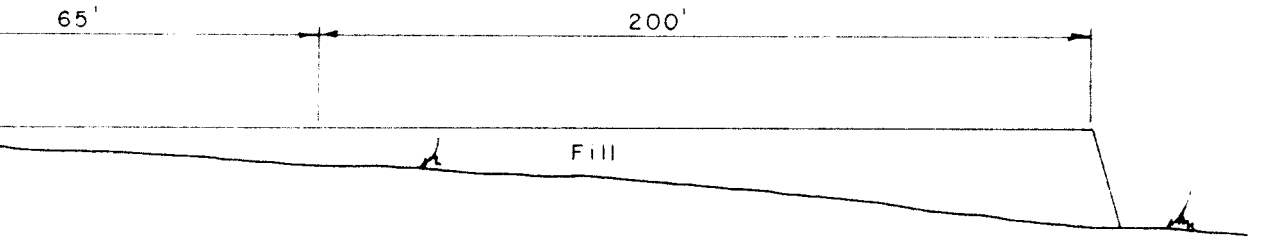
STA. 0+00



STA. 2+00



STA. 2+00



STA. 4+00

APPROXIMATE YARDAGES

CU. YDS. CUT = 0
CU YDS FILL = 29,922
UNBALANCE AFTER 20% COMPACTION
IS 35,906 CU YDS OF FILL

TION CO.

EET

-JENKS #2-1-B4

IN

4W, U.S.B.&M.

Uintah Engineering & Land Surveying

DRAWER Q PHONE 789-1017
110 EAST [illegible] SOUTH
VERNAL, UTAH 84078

SCALE 1"= 50'

DATE 7-28-87

Surveyed RK

DRAWN JRS

APPROVED

10013

CONFIDENTIAL

OPERATOR ANR Production Co. DATE 9-14-87

WELL NAME Ute - Jenks 2-1-B4

SEC Surf: NE NW BHL: SW SW 1 T 2S R 4W COUNTY Duchesne

43-013-31197	Indian
API NUMBER	TYPE OF LEASE

CHECK OFF:

✓ PLAT	✓ BOND	✓ NEAREST WELL
✓ LEASE	✓ FIELD	✓ POTASH OR OIL SHALE

PROCESSING COMMENTS:

Cause 139-42

Need water permit

CONFIDENTIAL PERIOD EXPIRED ON 5-04-89

APPROVAL LETTER:

SPACING: [ ] R615-2-3 _____ UNIT [ ] R615-3-2

4/7/85

[—] Cause 139-42 CAUSE NO. & DATE [ ] R615-3-3

STIPULATIONS:

2 Direc. Drilling

1 Water

0218T

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 30, 1987

ANR Production Company
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: Ute-Jenks 2-1-B4 - (Surf.) NE NW - 500' FNL, 2380' FWL (Lot 3)
(BHL) SW SW - 760' FSL, 760' FWL - Sec. 1, T. 2S, R. 4W
Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

2. Submittal of directional drilling data upon completion of drilling operations to properly ascertain the location of the producing formation.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.

2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.

3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.

4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31197.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Bureau of Indian Affairs
Branch of Fluid Minerals
D. R. Nielson
8159T

JONES, WALDO, HOLBROOK & McDONOUGH
A PROFESSIONAL CORPORATION
ATTORNEYS AND COUNSELORS

DONALD B. HOLBROOK
CALVIN L. RAMPTON
W. ROBERT WRIGHT
RANDON W. WILSON
RONALD J. OCKEY
JACK LUNT
K. S. CORNABY†
JAMES S. LOWRIE
RONNY L. CUTSHALL
CHRISTOPHER L. BURTON
LARRY C. HOLMAN
WILLIAM B. BOHLING
D. MILES HOLMAN
ROBERT S. McCONNELL
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GRETTA C. SPENDLOVE
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SUZANNE WEST
ELIZABETH M. HASLAM

L. JOHN LEWIS
G. RAND BEACHAM
RANDALL N. SKANCHY
JANET C. GRAHAM
BRUCE E. BABCOCK
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JAMES W. STEWART
PAUL M. HARMAN
SUE VOGEL
EVAN A. SCHMUTZ
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ROBERT A. GOODMAN
KEVEN M. ROWE
MICHAEL PATRICK O'BRIEN
DAVID N. SONNENREICH
JULIA L. WESTON
WM. KELLY NASH

OF COUNSEL
JOSEPH S. JONES
ROGER J. McDONOUGH
FRANK ANTHONY ALLEN
ALDEN B. TUELLER

*ADMITTED AND RESIDENT IN WASHINGTON, D.C.
†REGISTERED PATENT ATTORNEY

SALT LAKE CITY OFFICE
1500 FIRST INTERSTATE PLAZA
170 SOUTH MAIN STREET
SALT LAKE CITY, UTAH 84101
TELEPHONE (801) 521-3200
TELEX 324898

WASHINGTON, D.C. OFFICE
SUITE 350
1001 22ND STREET, N.W.
WASHINGTON, D.C. 20037
TELEPHONE (202) 296-5950
TELECOPIER (202) 293-2509

ST. GEORGE OFFICE
THE TABERNACLE TOWER BLDG.
249 EAST TABERNACLE
ST. GEORGE, UTAH 84770
TELEPHONE (801) 628-1627

IN REPLY REFER TO:

When approved, inform by phone:
John Nielsen, ANR
(303) 573-4490
Bob Anderson, Halliburton Drilling Services
(307) 266-4940
Richard Johns,
Alan A. Enke
Ray, Quinney & Nebeker
R. J. Firth

.lt Lake Office

HAND DELIVERED

Division of Oil, G
Utah Department of
3 Triad Center, Su
355 West North Tem
Salt Lake City, Ut

SEP 28 1987

ATTENTION: Diane

Re: Requ

Gentlemen:

Our law firm represented Mr. Shawn Mecikie and Mrs. Eileen Wilson, residents of Duchesne County, Utah. These people own land adjacent to a well site which has been proposed by Coastal Oil & Gas Corp. and/or ANR Production Company. The proposed well is the Jinks well, and the proposed location is in Section 1, Township 2 South, Range 4 West, U.S.M. in Duchesne County.

The proposed well is to be located on Indian allotment land, and is to be drilled directionally to bottom out on Ute Tribal land. The Bureau of Indian Affairs and Bureau of Land Management recently approved an Application for Permit to Drill this well. An Application for Permit to Drill is also currently pending with the Division of Oil, Gas & Mining.

The edge of the proposed location is approximately 120 feet from our client's office, and approximately 170 feet from our client's home. The center of the location

JONES, WALDO, HOLBROOK & MCDONOUGH
A PROFESSIONAL CORPORATION
ATTORNEYS AND COUNSELORS

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*ADMITTED AND RESIDENT IN WASHINGTON, D.C.
†REGISTERED PATENT ATTORNEY

SHEEKS & RAWLINS 1875
RAWLINS & CRITCHLOW 1891
RAWLINS, THURMAN, WEDGEWOOD & HURD 1897
RAWLINS, RAY & RAWLINS 1907
INGEBRETSEN, RAY & RAWLINS 1929
INGEBRETSEN, RAY, RAWLINS & CHRISTENSEN 1941
INGEBRETSEN, RAY, RAWLINS & JONES 1948
RAY, RAWLINS, JONES & HENDERSON 1949

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170 SOUTH MAIN STREET
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THE TABERNACLE TOWER BLDG.
249 EAST TABERNACLE
ST. GEORGE, UTAH 84770
TELEPHONE (801) 628-1627

September 28, 1987

IN REPLY REFER TO:

Salt Lake Office

HAND DELIVERED

Division of Oil, Gas & Mining
Utah Department of Natural Resources
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

SEP 28 1987

ATTENTION: Diane R. Nielson, Director

Re: Request for Emergency Order

Gentlemen:

Our law firm represents Mr. Shawn McConkie and Mrs. Eileen Wilson, residents of Duchesne County, Utah. These people own land adjacent to a well site which has been proposed by Coastal Oil & Gas Corp. and/or ANR Production Company. The proposed well is the Jinks well, and the proposed location is in Section 1, Township 2 South, Range 4 West, U.S.M. in Duchesne County.

The proposed well is to be located on Indian allotment land, and is to be drilled directionally to bottom out on Ute Tribal land. The Bureau of Indian Affairs and Bureau of Land Management recently approved an Application for Permit to Drill this well. An Application for Permit to Drill is also currently pending with the Division of Oil, Gas & Mining.

The edge of the proposed location is approximately 120 feet from our client's office, and approximately 170 feet from our client's home. The center of the location

is approximately 400 feet from the office, and 455 feet from the home.

These landowners believe that even if the well location is technically within the legal requirements, it is so close to the dwellings that the location should not be approved by the State. It will drastically disrupt their lives and their right to peacefully occupy their land. The noise, fumes, and dust may be intolerable. There is also a significant danger to the family in the event of a blowout, fire, gas leakage or other occurrence so close to their home. Further, they are concerned about the impact of the well on their daughter, who has a rare skin disease.

It is our understanding that the location is to be prepared, and drilling is to commence, within a few days. We are therefore requesting that the Division give immediate attention to this matter, and that the pending Application for Permit to Drill not be granted until the Division has fully considered the issues.

If this requires an emergency order to hold drilling in abeyance, or an emergency hearing before the Board of Oil, Gas & Mining, then we are also requesting that such action be taken. We will be submitting a formal petition to the Board in the immediate future.

Sincerely,

Richard B. Johns

RBJ:sw

cc: Ron ~~Furth~~ Firth
John ~~Bosca~~ Baza
Alan Enke

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN T[illegible] .E*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 28 1987

DIVISION OF OIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tribe

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. UNIT AGREEMENT NAME: Not Applicable

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Ute-Jenks

2. NAME OF OPERATOR: ANR Production Company

9. WELL NO.: 2-1-34 B4

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 500' FNL, 2380' FWL (Lot 3) 1-2S-4W
At proposed prod. zone: 760' FSL, 760' FWL ($SW\frac{1}{4}SW\frac{1}{4}$) 1-2S-4W

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S, R4W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately one (1) mile south of Altamont, Utah

12. COUNTY OR PARISH: Duchesne — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
760'	131.73	320
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
N/A	15,800' (MD)	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

22. APPROX. DATE WORK WILL START*: September 25, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" K-55	54.5#	0- 3,000'	2160 sx, Circ. to Surface *
12-1/4"	9-5/8" N-80	47.0#	0- 8,000'	2175 sx, Class "G"
12-1/4"	9-7/8" CYS-95	62.8#	8000-11,077'	
8-1/2"	5-1/2" S-95	17.0#	0-15,800'	1275 sx, 50/50 Pozmix

This location will be directionally drilled from a surface location of 500' FNL, 2380' FWL and bottomed at 760' FSL, 760' FWL. True measured depth 15,800' and true vertical depth of 13,600'.

Under Rule 305.5, ANR Production Company et al either owns or controls the oil and gas under all of Section 1. By directionally drilling this well, it will increase the Wasatch producing zone and therefore should increase production.

SEP 1987

Vernal, Utah

* Cement volumes may change due to hole size.
Calculate from Caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

ANR Production Company has a current nationwide bond.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Randy L. Bartley TITLE Manager, Drlg. & Production DATE 9/15/87

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY R. Allen McKee TITLE Acting ADM for Minerals DATE Sept 24, 1987

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
UINTAH AND OURAY AGENCY
Fort Duchesne, Utah 84026
(801) 722-2406 Ext.

IN REPLY REFER TO:
Real Property Management
Ten. & Mgmt.

SEP 2 2 198

MEMORANDUM

TO: District Manager, Bureau of Land Management

FROM: Superintendent, Uintah and Ouray Agency

SUBJECT: Concurrence with Application for Permit to Drill Well No. 2-1 B4 located on a portion of Lot 3 (NE1/4NW1/4), Section 1, T.2S., R.4W., Uintah Meridian, Utah.

We concur with approval of the Application for Permit to Drill subject well.

Based on available information on September 2, 1987, we have cleared the proposed location in the following areas of environmental impact.

YES X	NO ___		Listed threatened or endangered species.
YES X	NO ___		Critical wildlife habitat.
YES X	NO ___		Archaeological or cultural resources.
YES N/A	NO ___		Air quality aspects (to be used only if Project is in or adjacent to a Class I area of attainment)
YES X	NO ___		Other (if necessary)

REMARKS: Operator will follow the multi point plan to protect the surface resources and rehabilitate site when well is abandoned.

The necessary surface protection and rehabilitation requirements are as per approved APD.

SEP 1987
RECEIVED
Vernal, Utah

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL
WITHIN THE UINTAH OURAY RESERVATION

Company ANR Production Co. Well No. 2-1-B4

Surface Location Lot 3 (NE¼NW¼) Sec. 1 T2S R4W Lease No. 14-20-H62-1782
Bottomhole Location SW¼SW¼ Sec. 1 T2S R4W

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

   Report all water shows and water-bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form OGC-8-X will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

2. Pressure Control Equipment

   All BOPE and testing procedures will be consistent with API RP 53.

   The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

   To protect Duchesne River Formation fresh waters (anticipated from sfc to ±3,400'), the 13-3/8" casing shall be set to 3,500' GL and cemented to sfc.

   The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

To accurately locate the bottom-hole location of this well, a directional survey shall be run and the results submitted to this office. The submission should indicate both vertical and horizontal displacement, as well as the perforated interval.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
R. Allen McKee Petroleum Engineer	(801) 781-1368

Revised October 1, 1985

Date NOS Received 07/20/87

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator ANR Production Company

Well Name & Number Ute-Jenks No. 2-1-B4

Lease Number 14-20-H62-1873

Location Lot 3 Sec. 1 T. 2 S. R. 4 W.

Surface Ownership Ute Tribe (Allottee)

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Location of Existing and/or Proposed Facilities

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain 1½ times the storage capacity of the battery. The integrity of the dike must be maintained.

2. Methods for Handling Waste Disposal

The company will have the option of: 1) Immediately following construction of the solids disposal pit, it will be lined with a minimum of 25 mil thick liner with sufficient bedding to prevent punctures and tears. If necessary, contents will be removed during drilling and hauled to an approved disposal facility. Within 90 days of well completion, the contents and the liner will be removed and hauled to an approved disposal facility. The BLM will be notified when the liner has been installed and it will be inspected prior to the start of drilling, OR 2) The cuttings will be produced into either a steel tank or a truck, and, as necessary, hauled to an approved disposal facility.

Produced waste water will be confined to storage tanks for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

3. Well Site Layout

The blooie pit shown on the "cut sheet" in the northwest corner of the location is the only approved flare pit. The flare pit shown on the "cut sheet" in the southwest corner of the location is not approved.

4. Other Additional Information

Grazing Permittee Shawn McConkie

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tribes

1. OIL WELL [X] GAS WELL [ ] OTHER

OCT 23 1987

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: ANR Limited Inc.

8. FARM OR LEASE NAME: Ute-Jenks

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, CO 80201-0749

9. WELL NO.: 2-1B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL, 2380' FWL (Lot 3), Section 1, T2S, R4W

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S, R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other) Right-of-Way			[X]	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

ANR Ltd respectfully requests right-of-way to lay a 3" Sch 80 insulated surface pipeline from the existing Ute-Jenks #2-1B4 drill site location east to the east line of Lot 3, Section 1, T2S, R4W & proceed south approximately 1500' to an existing insulated pipeline bundle serving the Ute #1-1B4 well. This pipeline will initially serve the drilling rig for makeup water purposes & then may be later used as the well's production flowline. From the intersection @ the #1-1B4 flowline bundle, the line will be incorporated into the existing #1-1B4 flowline bundle which terminates at the ANR Ltd Ute #1-2B4 consolidated tank battery located in Section 2, T2S, R4W. If this flowline is used for production purposes as described above then this request will be in variance to the approved APD for the Ute-Jenks #2-1B4. The operation contemplated by this Sundry Notice will replace the operation provided for under Sundry Notice dated 10/5/87 for a temporary surface waterline commencing at the NE/4 NE/4 Section 2, T2S, R4W to location.

18. I hereby certify that the foregoing is true and correct

SIGNED L. E. Streeb TITLE Production Superintendent DATE 10/21/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [XX] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 191308 Uinta & Ouray Indian Tribes

7. UNIT AGREEMENT NAME: Not Applicable

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Ute-Jenks

3. ADDRESS OF OPERATOR: P.O. Box 749; Denver, Colorado 80201-0749

9. WELL NO.: 2-1-B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL, 2380' FWL (Lot 3) Section 1, T2S, R4W

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S, R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Change Operator			[XX]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please change the operator on the above-referenced well location from ANR Production Company to ANR Limited, a wholly-owned subsidiary of Coastal Oil & Gas Corporation. Your co-operation in this matter will be sincerely appreciated.

OCT 17 1987

18. I hereby certify that the foregoing is true and correct

SIGNED Robert M. Anderson TITLE Authorized Agent DATE October 5, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-1782 Ouig.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
101307
Uinta & Ouray Indian Tribe

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [XX] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Not Applicable

2. NAME OF OPERATOR
ANR Limited

8. FARM OR LEASE NAME
Ute-Jenks

3. ADDRESS OF OPERATOR
P.O. Box 749; Denver, Colorado 80201-0749

9. WELL NO.
2-1-B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
500' FNL, 2380' FWL (Lot 3) Section 1, T2S, R4W

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 1, T2S, R4W

14. PERMIT NO.
43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6281' GR

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[XX]	(Other)			
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Limited respectfully requests permission to change the approved Multi-Point Surface Use and Operations Plan as follows:

5. Location and Type of Water Supply:

A. Water for drilling will be obtained from a produced water disposal line owned by ANR Limited and located in the NE¼NE¼ of Section 2, T2S, R4W. This water line collects produced water from wells in the area and transports this water to a central tank battery for disposal.

B. Water will be transported via tempoary surface pipeline from the point of diversion to the proposed Ute-Jenks 2-1-B4 well location. No surface disturbance will be required on/along the proposed temporary pipeline route.

C. No water well will be drilled on this location.

OCT 7 1987

18. I hereby certify that the foregoing is true and correct

SIGNED Robert M. Anderson TITLE Authorized Agent DATE October 5, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RFirth → file

UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Reply To:
Uintah County Courthouse, Vernal, UT 84078 - (801) 781-0770 ☐
Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370 ☐
Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494 ☐
Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085 ☐

11164

NOV 10 1987

DIVISION OF
OIL, GAS & MINING

TO: ANR Production Co.
Box 749
Denver, CO 80201

RE: Ute-Jenks #2-1-B4 Location

43.013.31197
Drlg

DATE OF INSPECTION: 11-5-87

Dear Sirs:

This letter is to verify a wastewater inspection made at the above mentioned site and date. An inspection report is enclosed. This letter constitutes approval of the wastewater facilities as constructed and operating at the time of the inspection.

We appreciate your cooperation in designing and maintaining facilities in the interest of public health.

Sincerely,

Ed Riege R.S.

Ed Riege R.S.
Environmental Health Specialist

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

DEC 14 1987

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe Uinta & Ouray Indian Tribe

7. UNIT AGREEMENT NAME: N/A 121820

8. FARM OR LEASE NAME: Ute-Jenks

9. WELL NO.: 2-1B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 1-T2S-R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Limited Inc.

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Report of spud			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Dug 30" hole to 76'. Set 20" csg. @ 76'.

Cmt. to surface w/180 sx. Thixotroric V w/additives

Tailed w/150 sx. Premium w/additives

RURT, well spud 10/26/87. Drilled to 3510'

Ran 83 jts. 13 3/8", 54.5# K-55 ST&C csg.

Csg. set @ 3504'. Cmt. w/2200 sx. Lite w/additives and 300 sx. Premium w/additives.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 12-10-87

Brenda W. Swank

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

DEC 14 1987

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tribe
	7. UNIT AGREEMENT NAME: N/A 12182
2. NAME OF OPERATOR: ANR Limited Inc.	8. FARM OR LEASE NAME: Ute Jenks
3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749	9. WELL NO.: 2-1B4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 1-T2S-R4W
14. PERMIT NO.: 43-013-31197	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly report of operations			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached chronological report for the operations on the above referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank (Brenda W. Swank) TITLE Assoc. Regulatory Analyst DATE 12-10-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

11/26/87 9931' TIH w/motor & bent sub. Fin TIH to 9372'. Wash & ream 9372-9931'. Circ, svy. Short trip 6 stds. Pump pill, TOOH. Chg BHA & TIH. Cut drlg line. BGG 25 U, CG 30, TG 615 U. MW 8.8, VIS 42, WL 11.4, PV 11, YP 8, 3.4% SOL, pH 10.4, CL 220, Ca 140, GELS 2, 10" 12, CAKE 1. CC: $821,942. SVY:

M.D.	ANGLE	DIR	TVD	V.S.	S	W	DLS
9896	13	S-26-W	9887.92	172.33	-180.13	-9.32	1.32

11/27/87 10,159' TFNB 228'/14-1/2 hrs. Fin TIH, wash & ream 150' to btm. RS, drlg, pump pill, TOOH. BGG 35 U, CG 40, TG 840 U. 90% SH, 10% LS. MW 10.8, VIS 42, WL 10.6, PV 13, YP 9, 4.1% SOL, pH 11, CL 180, Ca 104, GELS 2, 10" 18, CAKE 1. CC: $841,453.

SVYS:

9909'	13.5	S-25.6-W	9900.58	175.30	-182.81	-10.62	3.91
9940	15.4	S-25.3-W	9930.59	183.00	-189.80	-13.94	6.13
9971	16.9	S-26.3-W	9960.37	191.58	-197.56	-17.70	4.92
10003	17.7	S-23-W	9990.32	201.06	-206.21	-21.66	3.96
10034	19.3	S-21.4-W	10020.32	210.89	-215.31	-25.38	5.41
10065	20	S-20.7-W	10049.51	221.32	-225.04	-29.12	2.38
10096	20.9	S-20.7-W	10078.56	232.15	-235.17	-32.95	2.90

11/28/87 10,159' Chg out motor & MWD. TIH to 10.066'. PU Kelly, lost 600 psi pump press. POOH, plug in circ sub broken, replace plug (5000#). TIH w/DC, PU Kelly. 2560# psi-OK. TIH 20 stds, fill DP, lost 800 psi. TOOH, circ sub plug burst, replace w/6500# plug, max press 3200 psi. PU Kelly, unable to circ. TOOH, motor & MWD plugged w/cuttings. Chg out motor & MWD. BGG 35 U, CG 40, TG 450. MW 8.8, VIS 41, WL 9.2, PV 12, YP 10, 4.1% SOL, pH 10, CL 180, Ca 132, GELS 2, 10" 16, CAKE 1. CC: $857,535.

11/29/87 10,159' TIH. Fin chg out tools, TIH w/DC. Teleco would not work. RS, TOOH, LD Teleco. WO Teleco. Make up MWD, TIH w/DC & 10 stds DP. RU Howco chicksan jts, press to 3000#. Bit plugged, union on Howco DP swage broke @ 2915#. Mud hit 2 men. Injured Jim Gracie, knocked Bernard Berhansly against DP, called Altamont Ambulance, Jim Gracie to hospital. WOO OSHA, Gary Padley OK'd cont. TOOH 5 stds, work plug out of bit. TIH, fill every 20 stds. MW 8.8, VIS 40, WL 9.6, PV 10, YP 10, 4.1% SOL, CL 180, Ca 120, GELS 2, 10" 10, CAKE 1. CC: $867,237.

11/30/87 10,239' TIH w/reamers after motor run. Fin TIH, wash 280' to btm. RS, drlg, unable to build angle more than 2°/100'. Order out Maxi-Torque motor w/bent housing. Circ. LD 12 jts DP. TOOH, LD mud motor, chg BHA. TIH. Cut drlg line. BGG 30 U, CG 35 U, TG 840 U. 90% SH, 10% LS. MW 8.8, VIS 41, WL 10.4, PV 10, YP 9, 4.1% SOL, pH 9, CL 180, Ca 140, GELS 2, 10" 14, CAKE 1. CC: $885,052.

SVY:

10115'	21	S-20.7-W	10096.30	238.94	-241.53	-35.35	0.53
10146	21.4	S-19.6-W	10125.20	250.15	-252.05	-39.22	1.82
10178	21.6	S-18.6-W	10154.98	261.88	-263.14	-43.05	1.30
10198	22.2	S-17.5-W	10173.53	269.33	-270.23	-45.36	3.63

11/19/87 8565' Drlg 148'/13 hrs. Inspect DC. LD 3 - 9", cracked pin; LD 3 - 6", cracked pin; LD XO, cracked pin. TIH wash 8387'-8417'. Drlg. BGG 20 U, CG 30 U. Drlg brk in Green River from 8426-8442', MPF 5.5-3.5-6, gas units 20-80-20; 80% shale, 20% SS. SVY: 2 deg @ 8714'. MW 8.7, VIS 36, WL 16.2, PV 9, YP 4, 3.0% SOL, pH 11.2, ALK .55/, CL 150, Ca 60, GELS 3, 10" 21, CAKE 1. CC: $706,556.

11/20/87 8872' Drlg 307'/23-1/2 hrs. RS, drlg. BGG 40 U, CG 50 U. 90% SH, 10% LS.

DRLG BRK	MPF	GAS UNITS	
8580'-8590'	25-70-30	6-2.5-3.5	Green River
8630'-8636'	30-100-40	3-2.5-5	Green River

MW 8.7, VIS 36, WL 19, PV 6, YP 6, 2.7% SOL, pH 11.2, ALK .55, CL 250, Ca 80, GELS 3, 10" 18, CAKE 1. CC: $715,460.

11/21/87 8980' Drlg 108'/12-1/2 hrs. RS, drlg, svy, TFNB. Chg shock sub. PU Monel DC, WIH. Wash from 8808'-8848'. Drlg. BGG 40 U, CG 45 U, 90% SH, 10% SD. TG 1500 U. SVY: 2-3/4 deg @ 8916'. MW 8.8, VIS 42, WL 16, PV 11, YP 10, 3.5% SOL, pH 11.0, ALK 1.35, CL 250, Ca 120, GELS 3, 10" 19, CAKE 1. SVY: 2-3/4 deg @ 8916'. CC: $738,262.

11/22/87 9270' Drlg RS, drlg. BGG 40 U, CG 70 U. Drlg brk from 9104'-10', MPF 5.5-3.5-5.0, gas units 40-110-60; 9208'-23', MPF 5-2.5-6.5, gas units 40-100-40. 80% SH, 20% LS. MW 8.8, VIS 38, WL 13.6, PV 9, YP 4, 3.4% SOL, pH 11.2, ALK .85, CL 300, Ca 80, GELS 0, 10" 9, CAKE 1. CC: $746,099.

11/23/87 9500' TIH w/mud motor. 230'/13 hrs. RS, drlg. 9500' @ 7:30 P.M. 11/22/87. Circ & drop Eastman multi-shot. POOH, svy EA std to 3500'. PU mud motor & MWD, SLM. BGG 40 U, 100% SH. Drlg brk in Green River from 9310'-9317', MPF 3.5-2.0-4.0, gas units 35-90-40 U. 100% SH. MW 8.8, VIS 34, WL 13.2, PV 7, YP 3, 3.4% SOL, pH 11.2, ALK 1.50, CL 200, Ca 100, GELS 0, 10" 3, CAKE 1. CC: $753,676.

11/24/87 9774' Drlg w/mud motor. 274'/20 hrs. Fin TIH w/mud motor. Wash to btm 9464'-9500'. Orient tool and drlg. BGG 20 U, CG 25 U, 100% SH. MW 8.8, VIS 43, WL 10.6, PV 15, YP 2, 3.4% SOL, pH 11.4, ALK 1.35, CL 250, GELS 0, 10" 6, CAKE 1. CC: $785,042. SVYS:

M.D.	ANGLE	DIR	TVD	V.S.	S	E	DLS
9508	2.6	S-08-E	9504.89	111.89	124.24	13.82	2.17
9538	2.7	S-10.5-W	9534.86	113.19	125.62	13.80	2.99
9570	4.0	S-14-W	9566.80	115.04	127.45	13.40	4.11
9601	5.3	S-18.9-W	9597.70	117.55	129.85	12.69	4.38
9632	6.1	S-23.5-W	9628.55	120.63	132.72	11.58	2.97
9663	6.6	S-26.3-W	9659.36	124.05	135.03	10.14	1.90
9693	7.9	S-23.1-W	9689.12	127.82	139.27	8.55	4.54

11/25/87 9931' TIH w/stiff BHA. 157'/11-1/2 hrs. RS, drlg, Pump pill. LD 16 jts DP. TOOH, chain out. XO BHA. TIH w/new BHA. Ream 6512' to 6575'. BGG 30 U, CG 40 U. 90% SH, 10% SS. MW 8.7, VIS 42, WL 11.4, PV 11, YP 8, 2.7% SOL, pH 11.2, CL 240, Ca 110, GELS 2, 10" 18, CAKE 1. CC: $799,013. SVYS:

M.D.	ANGLE	DIR	TVD	V.S.	S	E/W	DLS
9724	9.3	S-21-W	9719.77	132.45	-143.57	6.81	4.63
9755	9.9	S-24.5-W	9750.33	137.62	-148.34	4.81	2.70
9786	10.1	S-26.3-W	9780.86	142.98	-153.20	2.51	1.20
9817	11.3	S-29.5-W	9811.32	148.68	-158.29	- .19	4.32
9848	11.8	S-27-W	9841.69	154.83	-163.76	-3.13	2.20
9880	12.8	S-26.3-W	9872.96	161.60	-169.85	-6.19	3.16

11/2/87 3337' Drlg 247'/13-1/2 hrs. Drlg, RS, TFNB, wash 105' to btm, drlg. SVY: 1/2 deg @ 3268'. MW 9.0, VIS 31, PV 1, YP 3, pH 10.7, CL 15, Ca 20, GELS 1, 10" 2. CC: $353,575.

11/3/87 3510' Prep to run 13-3/8" surf csg. Drlg, RS, circ & cond. Short trip 10 stds, no fill. Circ & cond, TOOH to run csg. LD 11" DC's, SS. MW 9.0, VIS 29, WL N/C, PV 1, YP 1, pH 10, CL 200, Ca 60, GELS 0, 10" 0. CC: $364,088.

11/4/87 3510' NU BOP's. RU csg crew. Run 83 jts (3477.99') 13-3/8", 54.5#, K-55, ST&C new csg. FS set @ 3504'; FC @ 3456'. Circ & wash dn csg. RU Howco & cmt w/2200 sx Howco Lite, 2% $CaCl_2$, 1/4#/sk Flocele & 300 sx Premium w/2% CaCl2, 1/4#/sk Flocele, pre-flush 20 bbls fresh wtr. Bump plug w/2000 psi, full returns throughout, 200 bbls good cmt to pit. Floats held, PD 7:00 P.M. 11/3/87. WOC. Cut off csg, ND hydril. CC: $408,505.

11/5/87 3510' Press test CK manifold. Cmt & dress 13-3/8" csg. Heat Braden head. Weld & test Braeden head. NU BOP, hydril & rotating head. Hook & repair CK manifold & FL. Test & repair BOP's & HCR valve. CC: $511,041.

11/6/87 3565' Drlg 55'/2-1/2 hrs. Test BOP & manifold. PU BHA, TIH. LD DP & PU inspected DP. Drill FC - cmt. Press test to 1000 psi/15 min - OK. Drill cmt - FS & new hole to 3547'. Run svy, drlg. SVY: 3/4 deg @ 3547'. MW 8.3, VIS 26, PV 0, YP 0, pH 11.5, CL 200, Ca 800, GELS 0, 10" 0. CC: $537,888.

11/7/87 4110' Drlg 600'/23-1/2 hrs. Drlg, RS, drlg. MW 8.3, VIS 26, drlg w/wtr. CC: $544,892.

11/8/87 4675' Drlg 565'/23-1/2 hrs. Drlg, RS, drlg. MW 8.8, VIS 30, PV 2, YP 3, pH 10.5, CL 450, Ca 80, GELS 2, 10" 2. CC: $559,782.

11/9/87 4988' Drlg 313'/14 hrs. Drlg, POOH to DC's, slip drlg. Inspect DC's. LD 2 9" DC's, PU 4 6-1/2" DC's. TIH, wash 30' to btm, 5' fill. Drlg. SVY: 1 deg @ 4692'. MW 9.0, VIS 30, WL N/C, PV 4, YP 4, pH 10.7, CL 500, Ca 300, GELS 3, 10" 3. CC: $564,739.

11/10/87 5385' Drlg 397'/23-1/2 hrs. Drlg, RS. MW 9.2, VIS 32, WL N/C, PV 3, YP 7, CL 550, Ca 560, pH 11, GELS 4, 10" 5. CC: $580,258.

11/11/87 5805' Drlg 420'/23-1/2 hrs. RS, drlg. MW 8.8, VIS 30, WL N/C, PV 3, YP 1, 3.8% SOL, pH 10.5, ALK 1.65, CL 450, Ca 400, GELS 0, 10" 1, CAKE 2. CC: $590,757.

11/12/87 6155' Drlg 350'/23 hrs. RS, drlg, svy. SVY: 1-1/4 deg @ 5909'. MW 8.7, VIS 28, WL N/C, PV 2, YP 1, 2.8% SOL, pH 10.7, ALK 1.25, CL 350, Ca 400, GELS 0, 10" 0. CC: $604,029.

11/13/87 6425' Drlg 270'/15-1/2 hrs. RS, drlg, TFNB, PU jars. Wash 6050'-6170', Drlg. SVY: 2 deg @ 6170'. MW 8.3, VIS 26, WL N/C. CC: $618,639.

11/14/87 6940' Drlg 515'/23 hrs. RS, drlg, svy. SVY: 2 deg @ 6681'. MW 8.4, VIS 26, WL N/C. CC: $638,413.

11/15/87 7461' Drlg 521'/22 hrs. Drlg, RS, svy, repair rotary chain @ 7375'. BGG 18 U, CG 25 U, 100% SH. SVY: 2 deg @ 7176'. MW 8.3, VIS 26, WL N/C. CC: $648,112.

11/16/87 7916' Drlg 455'/22 hrs. RS, drlg, replace rot chain & svy @ 7602'. BGG 225 U, CG 325 U. Show @ 7768'-82', MPF 3-2-3, gas units 16-350-320; 5% sand. SVY: 2 deg @ 7602'. MW 8.6, VIS 29, WL N/C. CC: $660,692.

11/17/87 8175' Drlg 259'/15 hrs. RS, drlg, svy, TFNB, chg out 2 DC's. Wash 7859'-7977'. Drlg. BGG 20 U, CG 40, TG 1120 U. 70% SH, 30% silty SS. SVY: 2 deg @ 7956'. MW 8.8, VIS 35, WL 17, PV 7, YP 2, 4.5% SOL, pH 11.2, ALK 1.55/, CL 290, Ca 20, GELS 3, 10" 12, CAKE 2. CC: $683,336.

11/18/87 8417' TFNB. 242'/20-1/2 hrs. RS, drlg, svy & TFNB. BGG 20 U, CG 40 U. 95% SH, 5% SS. MW 8.8, VIS 36, WL 16, PV 7, YP 4, 4.2% SOL, pH 11.0, ALK .55, CL 200, Ca 40, GELS 4, 10" 12, CAKE 1. CC: $690,939.

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 Section 1-T2S-R4W
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
CONTR: MONTGOMERY #5/BAROID
WI: 69.611% ANRL AFE: 62085
ATD: 15,900' (MD) (WASATCH) SD: 10/26/87
CSG: 20" @ 95' KB (76' GL); 13-3/8" @ 3504'
DHC(M$): $1981.5

Surface location @ 500' FNL & 2380' FWL
BHL @ 760' FSL & 760' FWL (4704' S 20° 8' West)

10/5/87-10/12/87 Bldg location. Will spud 10/19/87.

10/13/87 Bldg location, digging conductor hole. Will spud 10/22/87.

10/14/87 Digging conductor hole. Will spud 10/22/87.

10/15/87 Bldg location. Will spud 10/22/87.

10/16/87-10/18/87 Digging conductor hole. Will spud 10/22/87.

10/19/87 MIRT. Will spud Thursday, 10/22/87. Benco Well Service dug 30" hole to 76'. Set 20" csg @ 76' & cmt'd to surf w/Lead: 180 sx Thixotroric V, 1/4#/sk Flocele; Tail: 150 sx Premium 4% $CaCl_2$, 1/4#/sk Flocele. Circ 42 bbls to pit.

10/20/87 MIRT. Will spud Thursday, 10/22/87.

10/21/87-10/22/87 RURT. Will spud Thurs., 10/22/87.

10/23/87 RURT. Will spud Sat., 10/24/87. CC: $176,092.

10/24/87 RURT. Will spud Sunday, 10/25/87. CC: $190,877.

10/25/87 RU solids control equip & mud lines. RURT. On Daywork @ 3:00 P.M. 10/24/87. NU 20" Hydril. Splice pan under substructure. RU solids control equip & build mud lines. PU 11" DC's. CC: $204,023.

10/26/87 Drlg cmt inside conductor. RU solids control equip, RIH w/bit, tag cmt @ 40'. Chained 20" Hydril to sub. Drill cmt 40' to 82'. First 12' - firm cmt; 12' to 40' - occ. stringers. Drilling formation after report time. MW 8.5, VIS 28, pH 9, ALK .35/1.0, CL 1800, Ca 120. CC: $216,368.

10/27/87 795' Drlg 700'/23-1/2 hrs. Drlg, RS, drlg. MW 8.7, VIS 30, WL N/C, PV 4, YP 5, 3% SOL, pH 10, ALK .55/.65, CL 1600, Ca 240, GELS 2, 10" 3. CC: $241,266.

10/28/87 1193' Drlg 398'/15-1/2 hrs. Drlg, circ & svy. TOH, repair air line. TOH, PU 11" shock sub - TIH. Wash & ream to btm - no fill. Drlg. SVYS: 1 deg @ 846'; 3/4 deg @ 972'. MW 8.8, VIS 31, PV 2, YP 5, pH 9.7, CL 850, Ca 240, GELS 2, 10" 5. CC: $247,215.

10/29/87 1485' Drlg 292'/20 hrs. Drlg, cool dn engines. Drlg, svy, drlg. TOH for bit. Wash 100' to btm, drlg. SVY: 1-1/4 deg @ 1224'. MW 8.8, VIS 31, PV 7, YP 5, 5.5% SOL, CL 168, GELS 3, 10" 8, CAKE 2. CC: $267,157.

10/30/87 2117' Drlg 632'/23-1/2 hrs. Drlg, RS, drlg. MW 9.0, VIS 37, PV 4, YP 3, pH 10.4, CL 250, Ca 220, GELS 2, CAKE 2. CC: $283,570.

10/31/87 2429' Drlg 312'/15-1/2 hrs. Drlg, svy, drlg, TFNB, drlg, wash 120' to btm. MW 9.0, VIS 32, WL N/C, PV 3, YP 5, pH 10.5, CL 200, Ca 150, GELS 2, CAKE 4. CC: $318,806.

11/1/87 3090' Drlg 661'/23 hrs. Drlg, RS, svy. SVY: 3/4 deg @ 2670'. MW 9.1, VIS 33, WL N/C, PV 4, YP 12, 5.6/7.7% SOL, pH 10.7, CL 150, Ca 40, GELS 8, 10" 12. CC: $330,770.

2S 4W 3
43-013-30048 WSTC 1525 PA (1-03B4)
2S 3W 4
43-013-30337 UNTA 99996 SOW #2-4B3
2S 5W 27
43-013-30340 UNTA 99996 SOW #2-27B5
1S 4W 29
43-013-30276 WSTC 1831 PA 1-29A4
2S 2W 13
43-013-30366 WSTC 1905 [redacted] POW 1-13B2
1S 3W 25
43-013-30370 WSTC 1920 [redacted] POW 1-25A3 (Cont.)
2S 4W 23
43-013-30038 GR-WS 1970 TA 2-23B4
2S 4W 23
43-013-30038 GRRV 1970 TA 1-23B4
2S 5W 18
43-013-30058 WSTC 99998 PPA 1-18B5
1S 4W 27
43-013-30266 UNTA SOW 99996 1-27A4
2S 5W 11
43-013-30391 UNTA 99996 SOW 2-11B5
2S 3W 3
43-013-31193 Drl. 99999 2-3-B3
2S 4W 1
43-013-31197 Drl. —— 2-1-B4
1S 3W 22
43-013-30357 GRRV 1885 POW 1-22A3
2S 20E 20
43-047-30186 GR-WS 1875 POW 1-20B2E

011107

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. TEST REPORT

43-013-31197

B.O.P. Test performed on (date) 11/5/87

Oil Company A R Limited

Well Name & Number Ute Jicks 2 1B4

Section 1

Township 2

Range 4 W

County Duchesne

Drilling Contractor Montgomery 3

Oil Company Site Representative

Rig Tool Pusher

Tested out of Vernal

Notified Prior to Test

Copies of this test report sent to: A R Limited.
Montgomery
USGS

Original chart & test report on file at: Double Jack Testing
& Services, Inc. in Vernal

Tested by: Double Jack Testing & Services, Inc
608 North Vernal Avenue
Vernal, Utah 84078

RECEIVED
JAN 07 1988
DIVISION OF
OIL, GAS & MINING

Double Jack Testing & Services Inc.

P.O. Box 2097
Evanston, Wyoming 82930
(307) 789-9213

FIELD TICKET 5449

DATE 11-5-87

RIG NAME AND # Montgomery 5

OPERATOR ANR Limited

WELL NAME AND NO. Ute Tenks 2-1B4

COUNTY Duchesne | STATE Utah | SECTION 1 | TOWNSHIP 2S | RANGE 4W

EQUIPMENT TESTED

Blind	RAMS	High 5000 psi	15 minutes
P.PE	RAMS	High 5000 psi	15 minutes
P.PE	RAMS	High 5000 psi	15 minutes
	ANNULAR B.O.P.	High 2500 psi	15 minutes
	CHOKE LINE	High 5000 psi	15 minutes
	KILL LINE	High "	"
	UPPER KELLY	High "	"
	LOWER KELLY	High "	"
Part	SAFETY VALVES	High "	"

ADDITIONAL TESTS & COMMENTS

CLOSING UNIT PSI 3000 | CLOSING TIME OF RAMS 7 sec | HYDRIL 11 sec

CLOSED CASING HEAD VALVE yes | SET WEAR RING yes

RATES Test 700 cc 700.00

COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
[illegible]	Ute Jenks 2 1B4	11/5/87	Montgomery 5

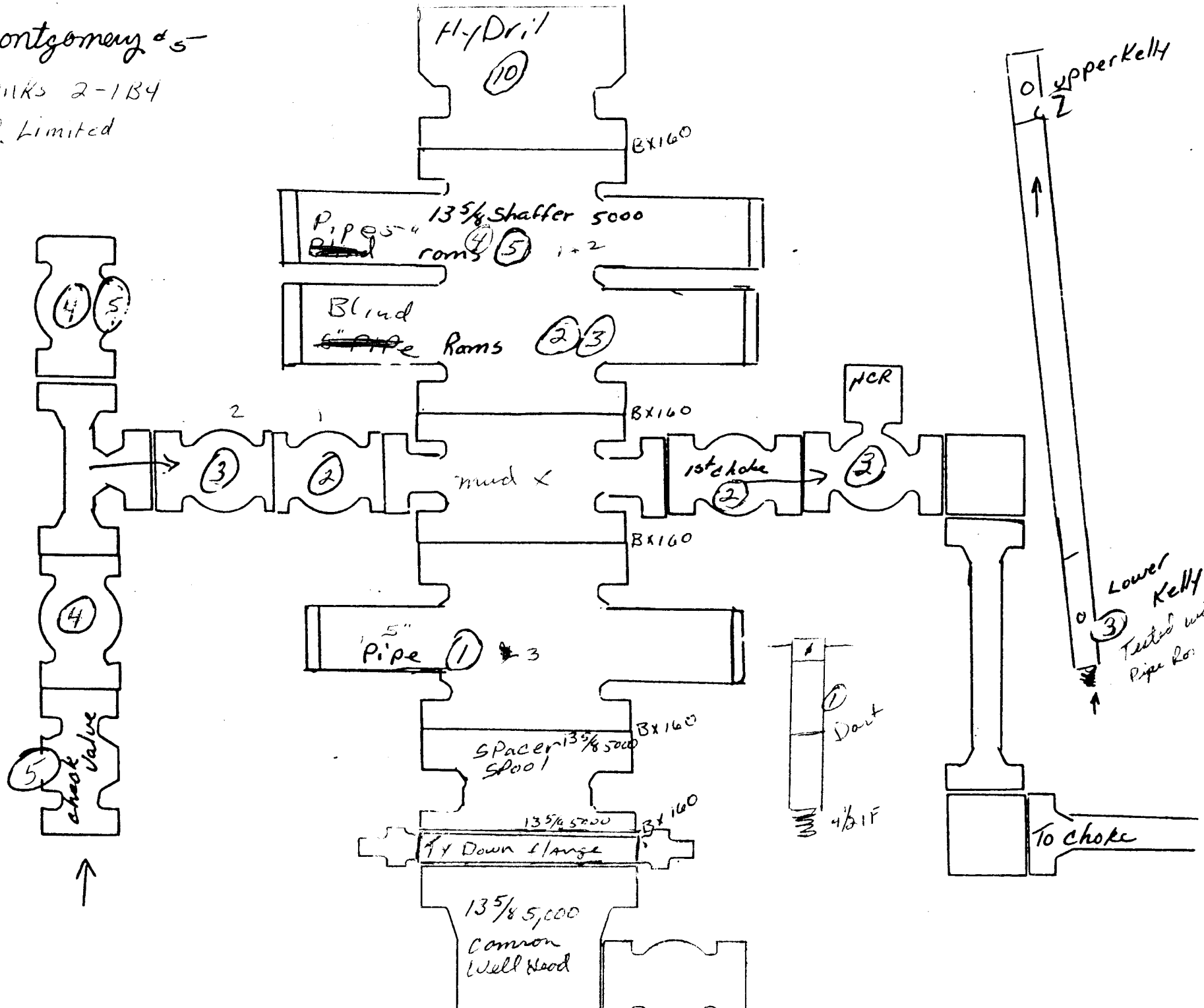
TEST #	TIME	
		Arrive on location at 11:00 PM with test
	11/5/87 AM	unit. Unload & rig up to test.
1)	200 –	Lower pipe rams & dart safety valves
		5000 psi – leaked – work on rams
	235-2:40	Lower pipe rams & dart safety valve
		5000 psi 15 min – OK
2)	3:00 3:15	Upper Pipe rams 1st Kill valve & 1st Choke valve
		5000 psi – 15 min – OK
3)		Upper Pipe rams & 2nd Kill valve & 2nd Choke valve
		5000 psi – no test
		Rams won't close – change out rubbers
4)	7:13-7:27	1st set manifold valves
		5000 psi – 15 min – OK
5)	7:45 – 8:00	Blind rams & 2nd set manifold valves & 2nd Kill valves
		5000 psi 15 min – OK
6)	8:13 – 8:28	3rd set manifold valves
		5000 psi – 15 min – OK
7)	9:00 – 9:15	Upper Kelly
		5000 psi – 15 min – OK
8)	9:33 – 9:48	4th set manifold valves
		5000 psi – 15 min – OK
9)	9:50 10:05	5th set manifold valves
		5000 psi – 15 min – OK
10)	11:35 – 11:50	Hydril
		2500 psi – 15 min – OK
3)	11:08 – 11:23	Pipe Rams & Lower Kelly – floor valve – 2nd Choke
		5000 psi – 15 min – OK

Thank You For Your Business

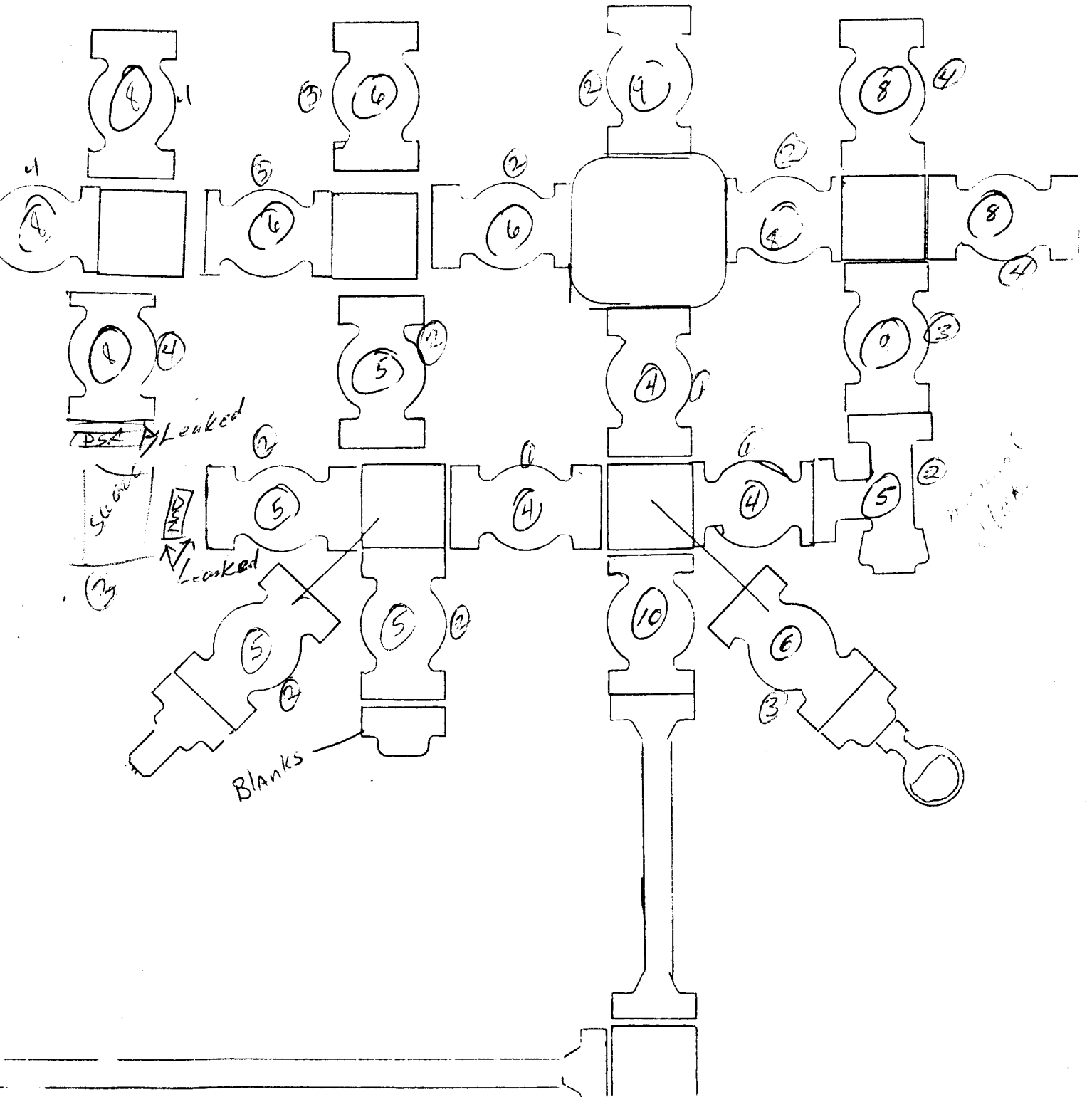
Archie Jack Testing & Services

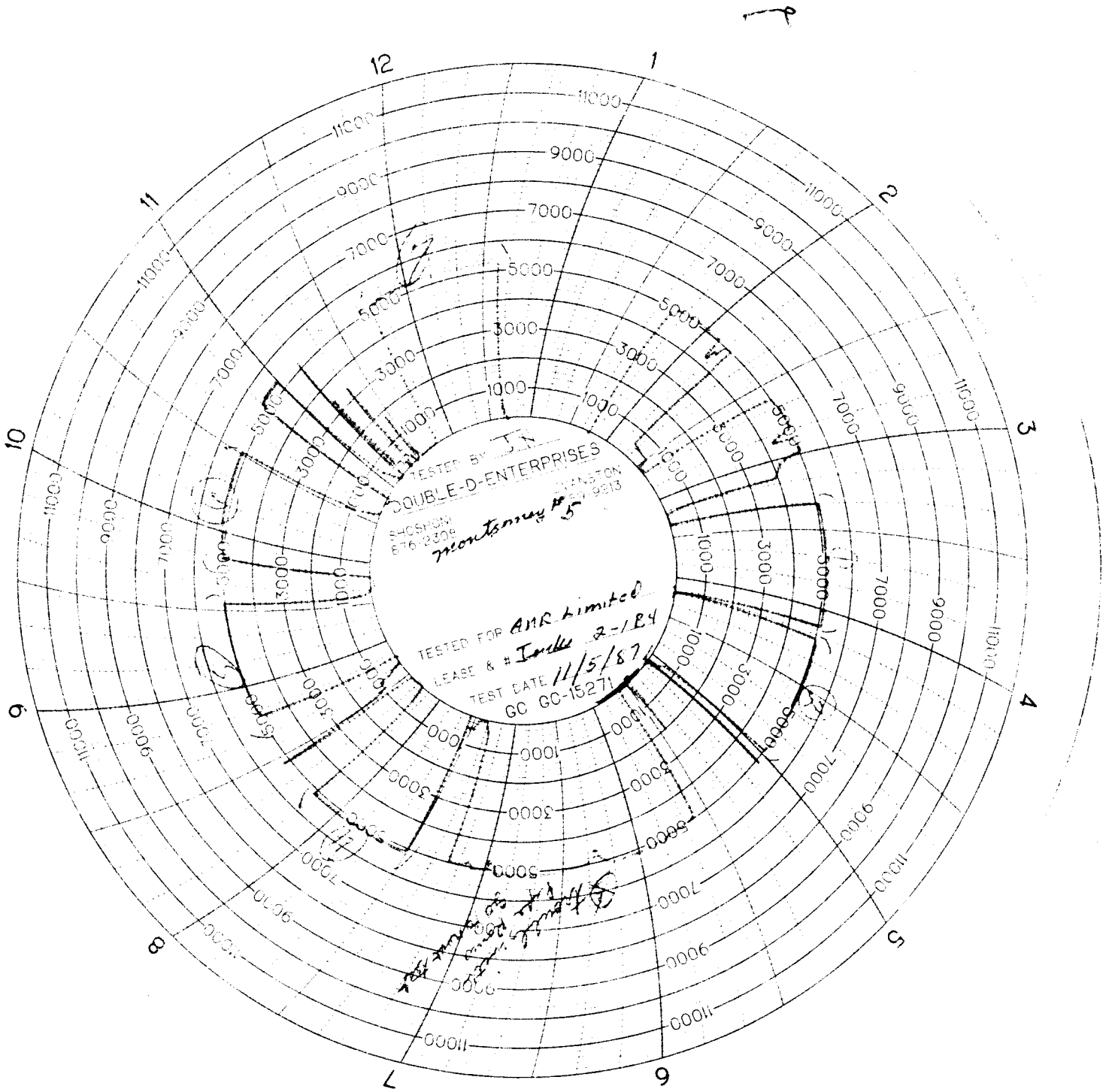
Don Morris – Jack Hagstrom

Montgomery #5-
Jenks 2-1B4
ANR Limited



Montgomery #5
Tanks 2-184
AMP Limited

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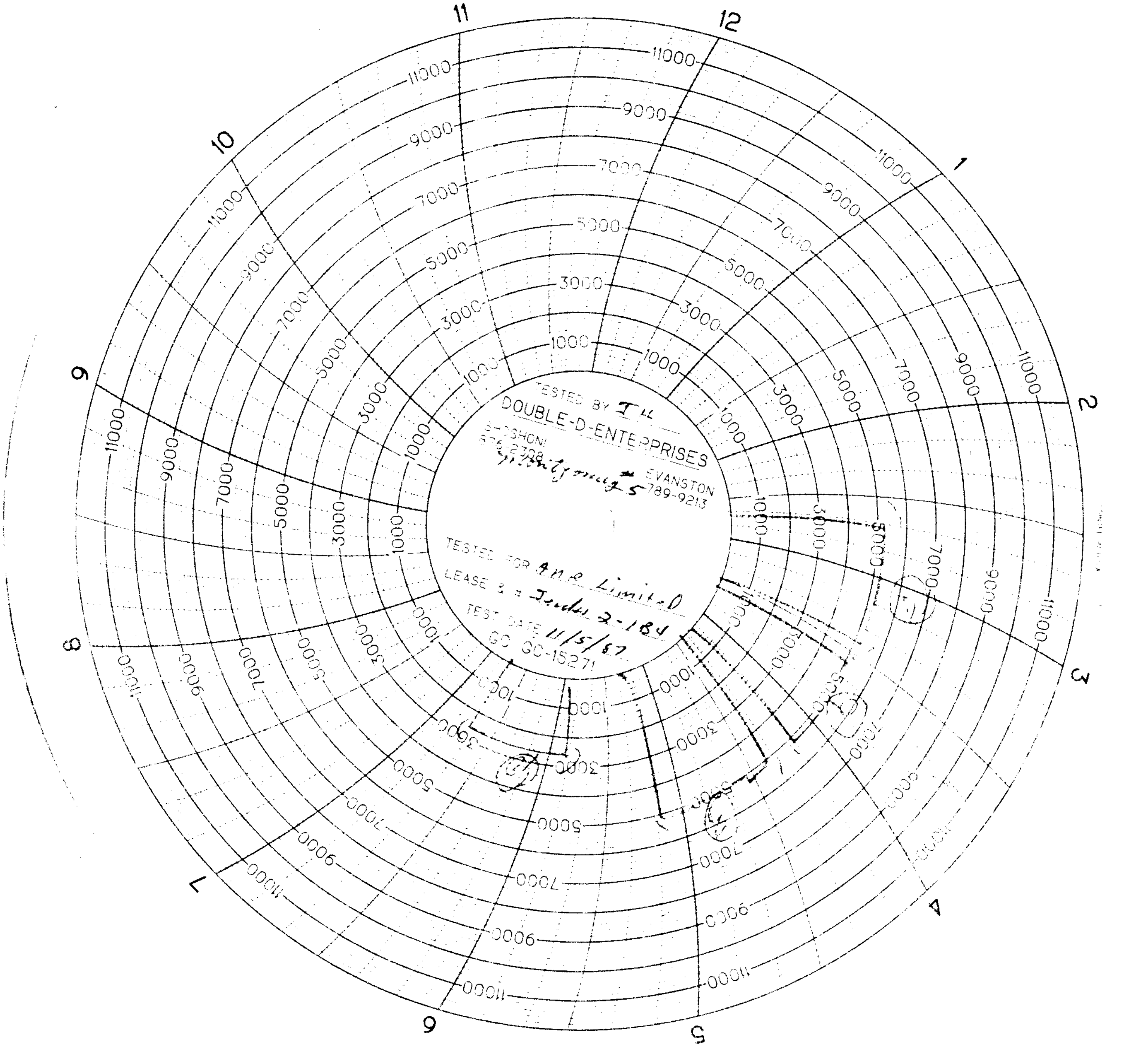
Montezuma #5
TESTED FOR ANR Limited
LEASE & # Jicarilla 2-184
TEST DATE 11/5/87
GC GC-15271


TESTED BY
DOUBLE-D-ENTERPRISES
EVANSTON
789-9213
TESTED FOR ANR Limited
LEASE & #
TEST DATE 11/5/87
GC GC-15271

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Uinta & Ouray Indian Tribe

7. UNIT AGREEMENT NAME: N/A 012105

2. NAME OF OPERATOR: ANR Limited Inc.

8. FARM OR LEASE NAME: Ute Jenks

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 2-1B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 1-T2S-R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly report of operations			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached chronological report for operations on the above referenced well.

RECEIVED
JAN 19 1988
DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 1-14-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UTE-JENKS #2-1B4

SURVEYS FOR THURSDAY, DECEMBER 3, 1987

M.D.	DEV.	DIRECTION	TVD	VS	S	W	DLS
10,395	25.7	S-19.3-W	10,354.38	347.26	344.65	68.77	3.06
10,426	26.5	S-19.6-W	10,382.22	360.90	357.51	73.31	2.62
10,456	27.4	S-19.6-W	10,408.96	374.49	370.32	77.87	3.00
10,487	28.4	S-20.0-W	10,436.36	389.00	383.96	82.79	3.28
10,518	29.7	S-20.0-W	10,463.46	404.05	398.11	87.94	4.19
10,549	30.5	S-20.3-W	10,490.28	419.60	412.70	93.29	2.63
10,579	31.4	S-20.3-W	10,516.01	435.03	427.18	98.65	3.00
10,611	32.3	S-20.3-W	10,543.19	451.91	443.01	104.51	2.81
10,641	33.0	S-20.3-W	10,568.45	468.10	458.19	110.12	2.33

SURVEYS FOR FRIDAY, DECEMBER 4, 1987

10,672	34.0	S-20.0-W	10,594.30	485.21	474.26	116.02	3.27
10,703	35.1	S-20.0-W	10,619.83	502.79	490.78	122.03	3.55

SURVEYS FOR SATURDAY, DECEMBER 5, 1987

NONE.

SURVEYS FOR SUNDAY, DECEMBER 6, 1987

NONE.

SURVEYS FOR MONDAY, DECEMBER 7, 1987

10,729	35.9	S-19.8-W	10,641.00	517.89	504.97	127.17	3.11
10,760	36.4	S-20.0-W	10,666.03	536.17	522.17	133.39	1.66
10,790	36.8	S-19.6-W	10,690.11	554.06	539.00	139.45	1.55
10,821	38.2	S-19.6-W	10,714.71	572.93	556.77	145.78	4.52
10,852	39.9	S-19.6-W	10,738.78	592.46	575.17	152.33	5.40
10,883	41.7	S-19.6-W	10,762.25	612.71	594.25	159.13	5.81
10,915	43.2	S-19.3-W	10,785.86	634.31	614.63	166.32	4.73

SURVEYS FOR TUESDAY, DECEMBER 8, 1987

10,883	41.7	S-19.6-W	10,762.25	612.71	594.25	159.13	5.81
10,915	43.2	S-19.3-W	10,785.86	634.31	614.62	166.32	4.73
10,945	44.3	S-18.3-W	10,807.53	655.05	634.26	173.00	4.33
10,976	45.0	S-17.2-W	10,829.58	676.82	655.00	179.65	3.36

SURVEYS FOR WEDNESDAY, DECEMBER 9, 1987

11,008	45.9	S-16.5-W	10,852.03	699.58	676.83	186.26	3.22
11,039	46.9	S-16.1-W	10,873.41	721.98	698.38	192.56	3.36
11,069	47.7	S-16.1-W	10,893.75	743.97	719.56	198.67	2.67
11,101	48.5	S-15.8-W	10,915.12	767.73	742.46	205.22	2.60
11,131	49.5	S-15.8-W	10,934.81	790.30	764.25	211.38	3.33

SURVEYS FOR THURSDAY, DECEMBER 10, 1987

11,163	50.9	S-16.1-W	10,855.29	814.82	787.88	218.14	4.43
11,194	51.9	S-16.5-W	10,974.63	839.00	811.14	224.94	3.38

SURVEYS FOR FRIDAY, DECEMBER 11, 1987

11,268	53.2	S-16.5-W	11,019.63	97.62	867.46	241.62	1.76

12/22/87 12,243' TFNB 163'/16 hrs. RS, drlg, svy, TOOH. Tight hole 11,520'-11,340'. BGG 100 U, CG 650 U. 70% SH, 30% silty SS. MW 10.2, VIS 44, WL 4.8, HTFL 21, PV 16, YP 15, 77% oil, 15% SOL, ES 1800, ALK 2, Ex-Lm 38, CL 333,000, Ca 91/9, GELS 8, 10" 9, CAKE 2. CC: $1,817,808.

12/23/87 12,331' Drlg 88'/13 hrs. Chg BHA & bit, cut drlg line, tag bridge 11,335'. Wash & ream 11,335'-11,433'. Free 11,433'-11,881', ream 11,881' to 12,243'. Gas through gas buster, btm up 20 min. (normal = 70 min.), 2000 units, lost 45 bbls mud thru buster. Drlg, inc. MW to 10.6 PPG. BGG 80 U before, BGG 80 U after. BGG 80 U, CG 650 U. 70% SH, 20% SS, 10% siltstone. MW 10.6, VIS 43, WL 5.2, HTFL 22, PV 17, YP 14, 78% oil, 17% SOL, pH 1850, Ex-Lm 2.9, CL 380,000, Ca 94/6, GELS 7, 10" 9, CAKE 2. CC: $1,843,117.

12/24/87 12,523' Drlg 192'/23-1/2 hrs. RS, drlg. BGG 30 U, CG 300 U, 70% SH, 30% silty SD. MW 11.0, VIS 43, WL 5.2, HTHP 22, PV 18, YP 16, 74% oil, 20% SOL, ES 1900, ALK 2.5, Ex-Lm 390,000, OWR 92/8, GELS 8, 10" 9, CAKE 2. CC: $1,862,259.

DRLG BRKS	MPF	GAS UNITS
12,330'-34'	8.5-10-9	50-210-60
12,366'-72'	5.5-3-5	100-350-100
12,384'-88'	8-6-8	100-230-120

12/25/87 12,548' Drlg 25'/4 hrs. Drlg, POH, jarred thru tight hole 11,600'-11,300'. FPOH, chg bits. PU packed hole assy. Tagged bridge @ 11,338'. Wash & ream 11,338'-11,640'. GIH to 12,375'. Wash & ream 12,375' to 12,531'. Reduce WL to 16. Incr MW to 11.5 PPG. Drlg. BGG 50 U, CG 300 U, TG 2750 U. 80% SH, 20% SD, no shows. MW 11.5, VIS 44, HTHP 16, PV 20, YP 14, 73% oil, 21% SOL, pH 2000, Ex-Lm 2.9, CL 400,000, OWR 92/8, GELS 7, 10" 10, CAKE 2. CC: $1,895,343.

12/26/87 12,753' Drlg 205'/23-1/2 hrs. Drlg, RS. Lost 50 bbls mud @ 12,660'. Slow loss. Lower MW to 11.3 PPG. Drop pmp strokes to 90 SPM. BGG 15 U, CG 25 U.

DRLG BRKS	MPF	GAS UNITS
12,662'-73'	7.5-3.5-5.5	15-25-15
12,704'-10'	6.5-4.5-9.5	15-25-15
12,724'-35'	6.5-3.5-9.5	15-27-16

100% SH. MW 11.3, VIS 44, HTHP 12, PV 16, YP 14, 76% oil, 17% SOL, pH 2000, Ex-Lm 4.4, CL 394,000, Ca 94/6, GELS 7, 10" 9, CAKE 2. CC: $1,922,292.

12/27/87 12,916' TFNB 163'/20-1/2 hrs. RS, drlg, circ bubble @ 12,836'. Lost 30 BM @ 12,830'. POH, TFNB. BGG 60 U, CG 350 U, 80% SH, 20% SD. Drlg brks FR 12,764'-68', MPF 8.5-6-11, gas units 10-40-15; 12,812'-26', MPF 7.5-3-7, gas units 20-2280-250. Cut MW from 11.3 to 11.0 PPG. MW 11.3, VIS 44, HTHP 16, PV 16, YP 18, 74% oil, 18% SOL, pH 2000, Ex-Lm 4.3, CL 296,000, OWR 90/10, GELS 6, 10" 8, CAKE 2. CC: $1,955,122.

12/28/87 13,000 Drlg 84'/11-1/2 hrs. FPOH, CHG BHA. RS, test Teleco & TIH. Ream 12,867' to 12,916', chg. Drlg. BGG 50 U, CG 110 U, TG 3300 U. 90% SH, 10% SD, no shows. Lost 30 BM, slow loss. Currently not losing. MW 11.3, VIS 45, HTHP 16, PV 16, YP 16, 76% oil, 16% SOL, ES 2000, Ex-Lm 3.8, CL 302,000, Ca 90/10, GELS 6, 10" 8, CAKE 2. CC: $1,971,500.

12/29/87 13,160' TOH. 160'/22-1/2 hrs. Drlg, svy, drop svy & mix pill for trip. BGG 50-60 U, CG 75-85 U, 80% SH, 20% SD, no shows. Lost 81 bbls mud - total of 246 bbls. MW 11.3, VIS 43, HTHP 16, PV 12, YP 18, 74% oil, 18% SOL, ES 2000, Ex-Lm 2.8, CL 310,344, OWR 90/10, GELS 5, 10" 7, CAKE 2. CC: $1,996,871.

12/30/87 13,160' TIH (reaming @ 11,486') Drop svy, pmp pill. TOOH, TFNB. Inspect BHA, 1 HWDP cracked above pin, 1 DC - cracked box. TIH, LD Teleco, chg out Kelly. Clean DP rubbers from FL. TIH to shoe, cut drlg line, TIH. SVY: 58 deg S-17-W @ 13,060'. MW 11.3, VIS 45, HTHP 16, PV 13, YP 19, 74% oil, 18% SOL, pH 2000, Ex-Lm 2.8, CL 312,039, Ca 90/10, GELS 5, 10" 7, CAKE 2. CC: $2,020,306.

12/31/87 13,314' Drlg 154'/21 hrs. Ream 11,800'-11,890'. TIH, wash & ream 50' to btm. Drlg, RS, drlg. 90% SH, 10% SS, BGG 20 U, CG 40 U, TG 3600 U. Lost 86 bbls mud/24 hrs: 40 bbls drlg, 46 bbls tripping. 332 total lost mud. MW 11.4, VIS 43, HTHP 16, PV 11, YP 20, 74% oil, 17% SOL, ES 2000, Ex-Lm 4.1, CL 260,563, OWR 89/11, GELS 5, 10" 7, CAKE 2. CC: $2,031,787.

12/12/87 11,285' Logging w/Schlumberger. 5'/½ hr. Drlg, circ, short trip - bridge @ 11,185'. Wash & ream to btm. Circ & cond hole, pumps sweeps. TOH to log. RU Schlum & run DIL/Sonic. Logger's TD 11,242'. BGG 170 U. MW 9.2, VIS 45, WL 6.8, PV 15, PV 13, 6.6% SOL, pH 10.6, ALK .75, CL 180, Ca 80, GELS 7, 10" 18. CC: $1100.6.

12/13/87 11,285' LD 9" DC. Log w/Schlum. Directional - hit bridge @ 10,530'. RD Schlum. TIH - tag bridge @ 11,210'. Wash to btm. Circ & cond hole. TOH - LD BHA. BGG 200 U, TG 3100 U. MW 9.2, VIS 43, WL 6.8, PV 14, YP 10, 6.6% SOL, pH 10.5, ALK .4, CL 180, Ca 80, GELS 3, 10" 14, CAKE 2. CC: $1122.1

12/14/87 11,285' Circ csg - prep to cmt. CO 9-5/8" rams, RU csg crew. PU shoe - thread cut wrong. WO new shoe & FC. Torque turn 9-5/8" & 9-7/8" csg. Ran 77 jts 9-7/8", CYS-95, 62.8# LT&C (3314.88'), 200 jts 9-5/8" N-80 47# LT&C (7943.22'). Total 11,258.10'. CSA 11,258', FC @ 11,174'. Circ & cond hole. MW 11.2, VIS 42, WL 6.8, PV 12, YP 9, 6.6% SOL, pH 10.4, ALK .63, CL 180, Ca 88, GELS 2, 10" 13. CC: $1142.5.

12/15/87 11,285' NU 13-5/8" BOP. Circ & cond @ 11,285'. Heat mix wtr w/hot tanks due to heavy freeze. Test Halliburton lines to 5000 PSI-OK. Cmt w/48 bbls mud flush, 20 bbls KCL wtr, 36 bbls super flush, 2300 sx premium w/.1% Disol LWL, .2% HR-5, 1.5% Halco suds, .75% HG-2, 16.4 PPG, 1.06 yield, 9.0 PPG, 2.12 yield, foam mix w/324,000 SCF N_2. Follow w/700 sx Premium .4% Halad-24, .4% HR-5, 16.4 PPG, 1.06 yield. Bump plug @ 11,174' w/1700 lbs. Release OK. Slight TR cmt @ surf. Pmp 150 sx Cal Seal between 13-3/8" & 9-5/8", wt. 15.1 PPG. Displ 100' below Bradenhead. Compl @ 4:00 P.M. 12/14/87. WOC. Rel 400 PSI between 13-3/8" & 9-5/8" - OK. Unbolt 13-5/8" BOP. Set 13-3/8" x 9-5/8" Cameron slips. Pipe in full tension w/500,000#. Cut 9-5/8" w/welder, NU Cameron spool, test to 3500# - OK. NU 13-5/8" BOP. CC: $1,531,871.

12/16/87 11,285' Drlg w/oil base mud, FS & FC & cmt, displ wtr mud. NU BOP, test rams, chk to 5000 PSI, hydril to 2500 psi. RU to PU BHA. PU DC - HWDP & install DP rubbers on 55 jts (btm 590' is slick), then one rbr per std to surf. LD 42 jts DP, tag cmt @ 11,136'. Test 9-5/8" csg to 3000#/30 min - OK. Drlg, displ wtr mud w/oil base. MW 10.0, VIS 40, WL 4.6, HTFL 19.5, PV 11, YP 8, 59% oil, 11% SOL, pH 980, ALK 5.9, Ex-Lm 2.4, CL 197,000, OWR/Ca 90/10, GELS 1, 10" 2, CAKE 1. CC: $1,573,079.

12/17/87 11,505' Drlg 220'/15 hrs. RS. Drlg FC & FS, wash & ream 11,258'-11285'. Drlg, test csg seat w/10.1 PPG mud to 15.0 PPG equiv mud wt - OK 2875#. Drlg, svy, wash & ream to 11,320', drlg. Replace rotating HD rubber. BGG 190 U, CG 450 U. Drlg brks FR 11361'-11372', MPF 3.5-4-2.5, gas units 60-250-125; 11402'-11427', MPF 3-1.5-4.5, gas units 125-225-175. MW 10.1, VIS 43, WL 5.6, HTFL 20, PV 13, YP 10, 78% oil, 12% SOL, ES 980, Ex-Lm 2.4, CL 240,000, OWR/Ca 89/11, GELS 2, 10" 4, CAKE 2. CC: $1,594,476.

12/18/87 11,580' Reaming @ 11,490'. 75'/8-1/2 hrs. RS, chg out rotating rubber. Drlg & svys. POH for packed BHA. PU packed BHA & test Teleco. TIH, tag bridge @ 11,340'. Ream from 11340' to 11490'. BGG 90 U, CG 340 U, TG 1700 U, 60% SD, 40% SH. MW 10.2, VIS 45, WL 4.4, HTFL 20, PV 15, YP 12, 78% oil, 14% SOL, ES 1340, Ex-Lm 1.8, CL 285,000, Ca 90/10, GELS 5, 10" 6, CAKE 1. CC: $1,736,480.

12/19/87 11,755' Drlg 175'/21 hrs. RS, reaming 11,490'-11,580'. Drlg, chk Teleco, drlg. BGG 75 U, CG 150, 30% SH, 70% SS. MW 10.1, VIS 43, WL 4.8, HTFL 21, PV 16, YP 12, 76% oil, ES 1560, Ex-Lm 2.3, CL 285, OWR 90/10, GELS 8, 10" 9, CAKE 2. CC: $1,772,592.

12/20/87 11,935' TFNB 180'/21-1/2 hrs. RS, drlg, TFNB. BGG 300 U, CG 550 U. Drlg brk FR 11,852'-11,862', MPF 6.5-3-5.5, gas units 75-900-500. 90% SH, 10% SS. MW 10.3, VIS 43, WL 4.8, HTFL 20, PV 19, YP 18, 77% oil, 17% SOL, ES 1750, Ex-Lm 2.0, CL 3, OWR 93/7, GELS 9, 10" 9, CAKE 2. CC: $1,787,040.

12/21/87 12,080' Drlg 145'/13 hrs. Fin TOOH, inspect BHA, all OK. TIH, bridge @ 11,340'. Wash & ream bridge 11,340'-11449'. TIH to 11,895', ream 11,895'-11,935'. Circ through gas separator. Drlg & svys. BGG 100 U, CG 550, TG 1050 (through gas buster). MW 10.2, VIS 44, WL 4.4, HTFL 20, PV 17, YP 17, 76% oil, 16% SOL, ES 1850, Ex-Lm 1.8, CL 401,000, Ca 90/10, GELS 8, 10" 9, CAKE 2. CC: $1,801,970.

12/3/87 10,722 Drlg 273-23/1/2 hrs. Drlg, RS, drlg. BGG 40 U, CG 45 U. 90% SH, 10% LS. Drlg brk from 10489'-10500', MPF 7.5-1.5-8, gas units 20-80-24; 10514'-10526', MPF 4-2-5.5, gas units 40-80-40. MW 8.8, VIS 47, WL 12, PV 12, YP 12, TR oil, 4.1% SOL, pH 10.5, ALK .37/.8, CL 180, Ca 132, GELS 10, 10" 22, CAKE 2. CC: $943,815.

M.D.	DEV.	DIRECTION	TVD	VS	S	W	DLS
10,395	25.7	S-19.3-W	10,354.38	347.26	344.65	68.77	3.06
10,426	26.5	S-19.6-W	10,382.22	360.90	357.51	73.31	2.62
10,456	27.4	S-19.6-W	10,408.96	374.49	370.32	77.87	3.00
10,487	28.4	S-20.0-W	10,436.36	389.00	383.96	82.79	3.28
10,518	29.7	S-20.0-W	10,463.46	404.05	398.11	87.94	4.19
10,549	30.5	S-20.3-W	10,490.28	419.60	412.70	93.29	2.63
10,579	31.4	S-20.3-W	10,516.01	435.03	427.18	98.65	3.00
10,611	32.3	S-20.3-W	10,543.19	451.91	443.01	104.51	2.81
10,641	33.0	S-20.3-W	10,568.45	468.10	458.19	110.12	2.33

12/4/87 10,766' TIH w/BHA. 44'/4-1/2 hrs. Drlg, circ, svy & pump pill. TOH to drill collars, chk BHA. 4 - 9" DC's w/cracked pin, 1 - 6-1/2" DC's w/cracked pin. Test BOPE. MU bit, 6 pt, Monel, 3 pt, 9" DC's. "Green River", 90% SH, 10% LS, BGG 40 U, CG 45 U. MW 8.7, VIS 42, WL 12, PV 11, YP 13, TR oil, 3.4% SOL, pH 10, ALK .2/.75, CL 180, Ca 160, GELS 6, 10" 14, CAKE 2. CC: $955,504. SVY: 34.0 deg S-20.0-W @ 10,672'; 35.1 deg S-20.0-W @ 10,703'.

12/5/87 10,766' Ream open hole. TIH, ream from 10,115' to 10,736'. BGG 40 U, CG 45, TG 525 U. MW 8.7, VIS 48, WL 12, PV 11, YP 12, TR oil, 3.4% SOL, pH 10.8, ALK .44/.9, CL 180, Ca 140, GELS 7, 10" 18, CAKE 2. CC: $970,128.

12/6/87 10,775' Drlg 9'/1 hr. Ream to 10,766'. Circ btms up & pmp pill. TOH to DC's. Inspect BHA, 2 cracked pins on 9" DC's. PU BHA, chg out bad DC's. TIH. Wash & ream 108' to btm, 40' of fill. Drlg. BGG 40 U, TG 350. MW 8.8, VIS 46, WL 11.2, PV 13, YP 8, TR oil, 3.6% SOL, pH 10.9, ALK .4/.9, CL 180, Ca 88, GELS 3, 10" 15, CAKE 2. CC: $989,908.

12/7/87 10,945' Drlg 170'/23-1/2 hrs. Drlg, RS, drlg. Green River, BGG 38 U, CG 45-50 U, 90% SH, 10% SD, no shows. MW 8.7, VIS 42, WL 12, PV 10, YP 8, TR oil, 3.2% SOL, pH 10.5, ALK .45/.95, CL 180, Ca 112, GELS 3, 10" 14, CAKE 2. CC: $1,010,765.

12/8/87 11,055' TIH w/mud motor. RS, drlg. Mud motor stopped, attempt to start motor - no success. Circ, sweep hole, svy. TOOH for new mud motor. Chg mud motor, test motor, change disc in circ sub. TIH, cut drlg line. Drlg brk in GR FR 10936'-10944', MPF 9-5.5-9, gas units 40-1400-400. MW 8.6 in, 8.1 out. BGG 350 U, CG 480 U. MW 8.8, VIS 44, WL 12, PV 11, YP 8, 4.1% SOL, pH 10.4, ALK .5, CL 180, Ca 112, GELS 4, 10" 16, CAKE 1. CC: $1,029,763. See survey sheet.

12/9/87 11,200' Drlg 145'/17 hrs. FIH to 10,683'. Wash from 10683'-11055'. Drlg. BGG 250/350 U, CG 350/400 U, 100% SH. MW 8.8, VIS 43, WL 12, PV 12, YP 8, 4.1% SOL, pH 10.8, ALK .75, CL 180, Ca 100, GELS 3, 10" 15, CAKE 2. CC: $1,044,993.

12/10/87 11,257' Reaming @ 10,800' 57'/4 hrs. RS, drlg, circ & sweep hole, svy. Trip for reamers, LD M. motor. Had 230' tight hole. Wash & ream 10,667' to 10,800'. BGG 380 U, CG 450 U, TG 2900 U. MW 8.8, VIS 44, WL 11.6, PV 12, YP 10, 4.1% SOL, pH 10.6, ALK .75, CL 180, Ca 80, GELS 4, 10" 17, CAKE 2. CC: $1,060,499. See attached for surveys.

12/11/87 11,280' Drlg 23'/3 hrs. RS, wash & ream 10800'-11257', tight, hard to ream. Incr MW to 9.2, WL to 8.8. Drlg. BGG 250 U, CG 400 U, TG 2900 U (8.8 PPG). 100% SH. MW 9.2, VIS 44, WL 8.8, PV 13, YP 9, 5.8% SOL, pH 10.6, ALK .75, CL 180, Ca 92, GELS 5, 10" 15, CAKE 2. CC: $1087.5.

11/26/87 9931' TIH w/motor & bent sub. Fin TIH to 9372'. Wash & ream 9372-9931'. Circ, svy. Short trip 6 stds. Pump pill, TOOH. Chg BHA & TIH. Cut drlg line. BGG 25 U, CG 30, TG 615 U. MW 8.8, VIS 42, WL 11.4, PV 11, YP 8, 3.4% SOL, pH 10.4, CL 220, Ca 140, GELS 2, 10" 12, CAKE 1. CC: $821,942. SVY:

M.D.	ANGLE	DIR	TVD	V.S.	S	W	DLS
9896	13	S-26-W	9887.92	172.33	-180.13	-9.32	1.32

11/27/87 10,159' TFNB 228'/14-1/2 hrs. Fin TIH, wash & ream 150' to btm. RS, drlg, pump pill, TOOH. BGG 35 U, CG 40, TG 840 U. 90% SH, 10% LS. MW 10.8, VIS 42, WL 10.6, PV 13, YP 9, 4.1% SOL, pH 11, CL 180, Ca 104, GELS 2, 10" 18, CAKE 1. CC: $841,453.

SVYS:

9909'	13.5	S-25.6-W	9900.58	175.30	-182.81	-10.62	3.91
9940	15.4	S-25.3-W	9930.59	183.00	-189.80	-13.94	6.13
9971	16.9	S-26.3-W	9960.37	191.58	-197.56	-17.70	4.92
10003	17.7	S-23-W	9990.32	201.06	-206.21	-21.66	3.96
10034	19.3	S-21.4-W	10020.32	210.89	-215.31	-25.38	5.41
10065	20	S-20.7-W	10049.51	221.32	-225.04	-29.12	2.38
10096	20.9	S-20.7-W	10078.56	232.15	-235.17	-32.95	2.90

11/28/87 10,159' Chg out motor & MWD. TIH to 10.066'. PU Kelly, lost 600 psi pump press. POOH, plug in circ sub broken, replace plug (5000#). TIH w/DC, PU Kelly. 2560# psi-OK. TIH 20 stds, fill DP, lost 800 psi. TOOH, circ sub plug burst, replace w/6500# plug, max press 3200 psi. PU Kelly, unable to circ. TOOH, motor & MWD plugged w/cuttings. Chg out motor & MWD. BGG 35 U, CG 40, TG 450. MW 8.8, VIS 41, WL 9.2, PV 12, YP 10, 4.1% SOL, pH 10, CL 180, Ca 132, GELS 2, 10" 16, CAKE 1. CC: $857,535.

11/29/87 10,159' TIH. Fin chg out tools, TIH w/DC. Teleco would not work. RS, TOOH, LD Teleco. WO Teleco. Make up MWD, TIH w/DC & 10 stds DP. RU Howco chicksan jts, press to 3000#. Bit plugged, union on Howco DP swage broke @ 2915#. Mud hit 2 men. Injured Jim Gracie, knocked Bernard Berhansly against DP, called Altamont Ambulance, Jim Gracie to hospital. WOO OSHA, Gary Padley OK'd cont. TOOH 5 stds, work plug out of bit. TIH, fill every 20 stds. MW 8.8, VIS 40, WL 9.6, PV 10, YP 10, 4.1% SOL, CL 180, Ca 120, GELS 2, 10" 10, CAKE 1. CC: $867,237.

11/30/87 10,239' TIH w/reamers after motor run. Fin TIH, wash 280' to btm. RS, drlg, unable to build angle more than 2°/100'. Order out Maxi-Torque motor w/bent housing. Circ. LD 12 jts DP. TOOH, LD mud motor, chg BHA. TIH. Cut drlg line. BGG 30 U, CG 35 U, TG 840 U. 90% SH, 10% LS. MW 8.8, VIS 41, WL 10.4, PV 10, YP 9, 4.1% SOL, pH 9, CL 180, Ca 140, GELS 2, 10" 14, CAKE 1. CC: $885,052.

SVY:							
10115'	21	S-20.7-W	10096.30	238.94	-241.53	-35.35	0.53
10146	21.4	S-19.6-W	10125.20	250.15	-252.05	-39.22	1.82
10178	21.6	S-18.6-W	10154.98	261.88	-263.14	-43.05	1.30
10198	22.2	S-17.5-W	10173.53	269.33	-270.23	-45.36	3.63

12/1/87 10,249' TIH w/1-1/2 deg bent motor. FIH to 9815'. Ream from 9815' to 10249' (corrected TD). RS, circ, svy (WL). POH, LD BHA, PU new BHA. Chk tools & TIH. BGG 20 U, CG 30 U, TG 620 U. SVY: 22 deg S-18-W @ 10,206'. MW 8.8, VIS 41, WL 10.4, PV 12, YP 9, 4.1% SOL, pH 10, CL 180, Ca 80, GELS 3, 10" 12, CAKE 1. CC: $911,601.

12/2/87 10,449' Drlg 200'/18 hrs. Fin TIH, break circ every 25 stds. Ream 100' to btm. RS, drlg. BGG 20 U, CG 30 U, TG 135. 90% SH, 10% LS. MW 8.8, VIS 41, WL 10.2, PV 11, YP 7, 4.1% SOL, pH 10.2, CL 180, Ca 88, GELS 3, 10" 12, CAKE 1. CC: $895,326.

SVYS:

10241'	21.9	S-16.8-W	10213	285.45	-285.65	-50.12	.93
10272	22.9	S-16.5-W	10242	297.24	-296.97	-53.51	3.25
10303	23.3	S-16.5-W	10271	309.38	-308.63	-56.96	1.29
10334	23.7	S-17.9-W	10299	321.72	-320.44	-60.62	2.22
10364	24.8	S-18.6-W	10326	334.84	-322.14	-64.48	3.79
10395	25.7	S-19.3-W					

REPORT of SUB-SURFACE DIRECTIONAL SURVEY

ANR TLC N0235 ~~N0230~~

COASTAL OIL & GAS CORPORATION

COMPANY

UTE JENKS 2-1B4 43-013-31197 - drl.

WELL NAME

DUCHESNE COUNTY, UTAH

LOCATION

JOB NUMBER	TYPE OF SURVEY	DATE
412-0479	COMPLETION REPORT	18-JAN-88

SURVEY BY

OFFICE

ROCKY MOUNTAIN

EASTMAN CHRISTENSEN

RECORD OF SURVEY

FOR

OPERATOR : ~~COASTAL OIL~~ & GAS CORPORATION (ANR NC235)

STRUCTURE : ALTAMONT-BLUE BELL FIELD

WELL : UTE-JN\S 2-1B4 SLOT : 2

LOCATION : 43-013-31197

JOB NUMBER : Ptl.

RIG :

DECLINATION : 14.00 E

PLANE OF VERTICAL SECTION

DIRECTION : S ~~20~~ 4 W

EC DISTRICT : ROCKY MOUNTAIN DIST.

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOGLEG SEVERITY
3510.00	0 0	N 0 0 E	0.00	3510.00	0.00	0.00 N 0.00 E	0.00
3603.00	0 15	S 71 0 W	93.00	3603.00	0.13	0.07 S 0.19 W	0.27
3696.00	0 30	S 23 0 E	93.00	3696.00	0.67	0.56 S 0.41 W	0.62
3788.00	0 30	N 2 0 W	92.00	3787.99	0.36	0.44 S 0.14 E	1.07
3881.00	0 30	N 17 0 W	93.00	3880.99	-0.34	0.36 N 0.01 E	0.14
3973.00	1 0	S 79 0 W	92.00	3972.98	-0.55	0.93 N 0.93 W	1.15
4066.00	2 0	N 49 0 W	93.00	4065.95	-0.34	1.53 N 3.20 W	1.71
4159.00	1 30	N 59 0 W	93.00	4158.91	-1.11	3.20 N 5.50 W	0.63
4251.00	1 0	N 14 0 E	92.00	4250.88	-2.49	4.93 N 6.22 W	1.67
4344.00	1 0	N 60 0 W	93.00	4343.87	-3.59	6.32 N 6.81 W	1.29
4436.00	1 0	N 3 0 E	92.00	4435.86	-4.60	7.67 N 7.54 W	1.14
4529.00	1 0	N 28 0 E	93.00	4528.84	-6.21	9.22 N 7.11 W	0.47
4621.00	0 45	S 11 0 E	92.00	4620.83	-6.42	9.06 N 6.04 W	1.30
4714.00	0 45	S 59 0 W	93.00	4713.82	-5.28	8.01 N 6.51 W	0.95
4806.00	0 30	N 88 0 W	92.00	4805.82	-4.72	7.77 N 7.47 W	0.47
4899.00	0 15	N 41 0 W	93.00	4898.82	-4.77	8.02 N 8.00 W	0.41
4991.00	0 30	N 57 0 E	92.00	4990.81	-5.29	8.55 N 7.93 W	0.64
5084.00	0 45	S 59 0 E	93.00	5083.81	-5.64	8.57 N 6.96 W	0.75
5176.00	1 0	S 56 0 E	92.00	5175.80	-5.34	7.81 N 5.78 W	0.28
5269.00	1 0	S 50 0 E	93.00	5268.78	-4.87	6.83 N 4.48 W	0.11
5361.00	1 0	S 43 0 E	92.00	5360.77	-4.24	5.73 N 3.32 W	0.13
5454.00	1 15	S 49 0 E	93.00	5453.75	-3.50	4.46 N 2.01 W	0.30
5546.00	1 0	S 51 0 E	92.00	5545.73	-2.88	3.30 N 0.62 W	0.28
5639.00	1 0	S 29 0 E	93.00	5638.72	-2.08	2.06 N 0.42 E	0.41
5731.00	1 15	S 24 0 E	92.00	5730.70	-0.84	0.45 N 1.22 E	0.29
5824.00	1 0	S 44 0 E	93.00	5823.68	0.22	1.06 S 2.24 E	0.50
5916.00	0 45	S 56 0 E	92.00	5915.67	0.70	1.96 S 3.31 E	0.34
6009.00	1 15	S 2 0 W	93.00	6008.66	1.76	3.35 S 4.02 E	1.14
6101.00	1 15	S 14 0 W	92.00	6100.64	3.72	5.33 S 3.74 E	0.28
6194.00	1 15	S 21 0 W	93.00	6193.61	5.74	7.26 S 3.13 E	0.16

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MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOG-LEG SEVERITY
6285.00	1 15	S 41 0 W	92.00	6285.59	7.70	6.97 S 2.10 E	[illegible]
6379.00	1 30	S 21 0 E	94.00	6378.56	9.79	11.07 S 1.78 E	[illegible]
6471.00	1 30	S 4 0 W	92.00	6470.53	11.89	13.43 S 2.06 E	[illegible]
6564.00	1 30	S 9 0 W	93.00	6563.50	14.25	15.85 S 1.61 E	0.11
6655.00	2 0	S 11 0 E	92.00	6655.46	16.86	18.64 S 1.86 E	0.53
6749.00	2 0	S 4 0 W	93.00	6748.40	19.83	21.87 S 2.05 E	0.56
6841.00	1 15	S 7 0 W	92.00	6840.36	22.35	24.47 S 1.81 E	0.82
6934.00	2 0	S 17 0 W	93.00	6933.35	24.96	27.04 S 1.26 E	0.86
7026.00	2 30	S 20 0 W	92.00	7025.25	28.57	30.47 S 0.11 E	0.56
7119.00	3 15	S 12 0 W	93.00	7118.14	33.21	34.95 S 1.17 W	0.93
7212.00	3 0	S 20 0 W	93.00	7211.00	38.27	39.82 S 2.57 W	0.54
7304.00	3 0	S 22 0 W	92.00	7302.87	43.08	44.31 S 4.30 W	0.11
7397.00	3 0	S 21 0 W	93.00	7395.75	47.95	48.84 S 6.08 W	0.06
7489.00	3 30	S 9 0 W	92.00	7487.60	53.13	53.87 S 7.43 W	0.71
7582.00	2 45	S 3 0 W	93.00	7580.46	58.05	58.91 S 7.96 W	0.85
7674.00	2 30	S 3 0 W	92.00	7672.36	62.07	63.12 S 8.18 W	0.27
7767.00	2 30	S 12 0 W	93.00	7765.27	66.03	67.14 S 8.71 W	0.42
7859.00	2 30	S 9 0 W	92.00	7857.19	69.98	71.08 S 9.44 W	0.14
7952.00	2 30	S 9 0 W	93.00	7950.10	73.96	75.09 S 10.07 W	0.00
8044.00	2 30	S 25 0 E	92.00	8042.01	77.45	79.00 S 9.52 W	1.59
8137.00	1 45	S 30 0 E	93.00	8134.95	79.77	82.06 S 7.93 W	0.83
8229.00	2 30	S 8 0 E	92.00	8226.88	82.40	85.27 S 6.83 W	1.19
8322.00	2 45	S 11 0 E	93.00	8319.78	86.10	89.47 S 6.12 W	0.31
8414.00	3 0	S 24 0 E	92.00	8411.67	89.75	93.86 S 4.74 W	0.76
8507.00	2 45	S 11 0 E	93.00	8504.55	93.43	98.30 S 3.34 W	0.75
8599.00	1 45	S 32 0 E	92.00	8596.48	96.12	101.64 S 2.02 W	1.39
8692.00	2 30	S 25 0 E	93.00	8689.41	98.39	104.67 S 0.38 W	0.85
8784.00	2 0	S 15 0 E	92.00	8781.34	101.15	108.06 S 0.86 E	0.65
8877.00	2 0	S 7 0 E	93.00	8874.29	103.92	111.24 S 1.47 E	0.30
8969.00	2 0	S 27 0 E	92.00	8966.23	106.47	114.30 S 2.41 E	0.75

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MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOGLEG SEVERITY
9062.00	2 0	S 39 0 E	93.00	9059.17	108.44	117.03 S	4.[illegible] E	[illegible]
9154.00	2 15	S 41 0 E	92.00	9151.11	110.19	119.68 S	4.[illegible] E	[illegible]
9247.00	1 45	S 37 0 E	93.00	9244.05	111.67	122.22 S	8.32 E	0.58
9339.00	2 30	S 23 0 E	92.00	9335.99	114.05	125.17 S	10.02 E	[illegible]
9432.00	2 15	S 31 0 E	93.00	9428.91	116.67	128.60 S	11.77 E	0.45
9467.00	1 45	S 2 0 E	35.00	9463.89	117.64	129.76 S	12.11 E	3.18
9508.00	2 36	S 8 0 E	41.00	9504.86	119.05	131.31 S	12.25 E	2.14
9538.00	2 42	S 10 30 W	30.00	9534.83	120.36	132.69 S	12.22 E	2.86
9570.00	4 0	S 14 0 W	32.00	9566.77	122.21	134.51 S	11.82 E	4.11
9601.00	5 18	S 19 54 W	31.00	9597.67	124.72	136.92 S	11.11 E	[illegible]
9632.00	6 6	S 23 30 W	31.00	9628.51	127.79	139.79 S	9.99 E	2.97
9663.00	6 36	S 26 30 W	31.00	9659.32	131.21	142.90 S	8.55 E	1.94
9693.00	7 54	S 23 6 W	30.00	9689.08	134.98	146.33 S	6.96 E	4.58
9724.00	9 18	S 21 0 W	31.00	9719.73	139.61	150.63 S	5.22 E	4.63
9755.00	9 54	S 24 30 W	31.00	9750.30	144.78	155.40 S	3.22 E	2.79
9786.00	10 6	S 26 18 W	31.00	9780.83	150.14	160.26 S	0.91 E	1.20
9817.00	11 18	S 29 30 W	31.00	9811.29	155.84	165.35 S	1.78 W	4.32
9848.00	11 48	S 27 0 W	31.00	9841.66	161.99	170.81 S	4.72 W	2.26
9880.00	12 48	S 26 18 W	32.00	9872.93	168.76	176.91 S	7.78 W	3.16
9896.00	13 0	S 26 0 W	16.00	9888.52	172.31	180.11 S	9.35 W	1.31
9909.00	13 30	S 25 36 W	13.00	9901.18	175.28	182.79 S	10.65 W	3.91
9940.00	15 24	S 25 18 W	31.00	9931.19	182.98	189.78 S	13.97 W	6.13
9971.00	16 54	S 26 18 W	31.00	9960.97	191.56	197.54 S	17.73 W	4.92
10003.00	17 42	S 23 0 W	32.00	9991.52	201.04	206.19 S	21.70 W	3.56
10034.00	19 18	S 21 24 W	31.00	10020.92	210.87	215.30 S	25.41 W	5.41
10065.00	20 0	S 20 42 W	31.00	10050.11	221.30	225.03 S	29.16 W	2.38
10096.00	20 54	S 20 42 W	31.00	10079.16	232.13	235.16 S	32.98 W	2.90
10115.00	21 0	S 20 42 W	19.00	10096.90	238.92	241.51 S	35.39 W	0.53
10146.00	21 24	S 19 36 W	31.00	10125.81	250.13	252.04 S	39.25 W	1.82
10178.00	21 36	S 18 36 W	32.00	10155.58	261.86	263.12 S	43.08 W	1.30

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MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES		DOGLEG SEVERITY
[illegible]	[illegible] 12	S 17 30 W	20.00	[illegible]	269.31	270.21 S	45.40 W	[illegible]
10241.00	21 54	S 16 48 W	43.00	10213.99	285.43	[illegible] S	50.16 W	[illegible]
10272.00	22 54	S 16 30 W	31.00	10242.65	297.22	296.95 S	53.54 W	[illegible]
10303.00	23 18	S 16 30 W	31.00	10271.17	309.36	308.62 S	57.00 W	[illegible]
10334.00	23 42	S 17 54 W	31.00	10299.5[illegible]	321.71	320.42 S	60.65 W	[illegible]
10364.00	24 48	S 18 36 W	30.00	10326.95	334.02	332.13 S	64.51 W	[illegible]
10395.00	25 42	S 19 18 W	31.00	10354.99	347.24	344.63 S	68.80 W	3.06
10426.00	26 30	S 19 36 W	31.00	10382.82	360.88	357.49 S	73.34 W	2.62
10456.00	27 24	S 19 36 W	30.00	10409.57	374.47	370.30 S	77.91 W	3.00
10487.00	28 24	S 20 0 W	31.00	10436.96	388.98	383.95 S	82.82 W	[illegible]
10518.00	29 42	S 20 0 W	31.00	10464.06	404.03	398.09 S	87.97 W	4.19
10549.00	30 30	S 20 18 W	31.00	10490.88	419.58	412.69 S	93.32 W	2.63
10579.00	31 24	S 20 18 W	30.00	10516.61	435.01	427.16 S	98.68 W	3.00
10611.00	32 18	S 20 18 W	32.00	10543.79	451.89	443.00 S	104.53 W	[illegible]
10641.00	33 0	S 20 18 W	30.00	10569.05	468.08	458.18 S	110.15 W	2.33
10672.00	34 0	S 20 0 W	31.00	10594.90	485.19	474.24 S	116.04 W	[illegible]
10703.00	35 6	S 20 0 W	31.00	10620.43	502.77	490.76 S	122.06 W	3.55
10729.00	35 54	S 19 48 W	26.00	10641.60	517.86	504.95 S	127.19 W	3.11
10760.00	36 24	S 20 0 W	31.00	10666.63	536.15	522.15 S	133.42 W	1.66
10790.00	36 48	S 19 36 W	30.00	10690.72	554.04	538.98 S	139.48 W	1.50
10821.00	38 12	S 19 36 W	31.00	10715.31	572.91	556.76 S	145.81 W	4.52
10852.00	39 54	S 19 36 W	31.00	10739.38	592.44	575.16 S	152.36 W	5.48
10883.00	41 42	S 19 36 W	31.00	10762.85	612.69	594.24 S	159.15 W	5.81
10915.00	43 12	S 19 18 W	32.00	10786.46	634.29	614.60 S	166.35 W	4.73
10945.00	44 18	S 18 18 W	30.00	10808.13	655.03	634.24 S	173.03 W	4.33
10976.00	45 0	S 17 12 W	31.00	10830.19	676.79	654.99 S	179.67 W	3.36
11008.00	45 54	S 16 54 W	32.00	10852.63	699.56	676.79 S	186.36 W	2.89
11039.00	46 54	S 16 6 W	31.00	10874.01	721.97	698.31 S	192.74 W	3.73
11069.00	47 42	S 16 6 W	30.00	10894.36	743.96	719.50 S	198.85 W	2.67
11101.00	48 30	S 15 48 W	32.00	10915.73	767.71	742.40 S	205.39 W	2.60

CONTINUED ON NEXT PAGE ...

TA[illegible] OI[illegible] & G[illegible] CORPORATION
MONT-BLUE B[illegible] FIELD

SLOT : C
WELL : UTE-[illegible]NS 2-[illegible]4
PBHL : S 20 [illegible] W

DATE PRINTED : 15-JAN-87
OUR REF. NO. : S02876.4CZ
JOB NUMBER :

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	R E C T A N G U L A R C O O R D I N A T E S		DOGLEG SEVERITY
11131.00	49 30	S 15 48 W	30.00	10935.41	790.29	764.18 S	211.56 W	3.33
11163.00	50 54	S 16 6 W	32.00	10955.89	814.81	787.82 S	218.32 W	4.43
11194.00	51 54	S 16 30 W	31.00	10975.23	838.98	811.08 S	225.12 W	3.38
11268.00	53 12	S 16 30 W	74.00	11020.23	897.61	867.40 S	241.80 W	1.76
11322.00	53 12	S 16 48 W	54.00	11052.55	940.77	908.83 S	254.19 W	0.44
11352.00	53 0	S 16 48 W	30.00	11070.59	964.72	931.80 S	261.12 W	0.67
11392.00	53 24	S 16 48 W	30.00	11088.56	988.70	954.80 S	268.07 W	1.33
11444.00	54 18	S 17 12 W	62.00	11125.13	1038.69	1002.67 S	282.70 W	1.54
11476.00	54 48	S 17 12 W	32.00	11143.69	1064.72	1027.57 S	290.41 W	1.56
11507.00	55 42	S 17 12 W	31.00	11161.36	1090.16	1051.90 S	297.94 W	2.90
11537.00	56 30	S 16 48 W	30.00	11178.09	1115.02	1075.72 S	305.22 W	2.87
11574.00	57 42	S 16 30 W	37.00	11198.19	1146.03	1105.48 S	314.13 W	3.31
11605.00	57 54	S 16 6 W	31.00	11214.71	1172.20	1130.66 S	321.49 W	1.27
11636.00	57 48	S 16 18 W	31.00	11231.21	1198.38	1155.86 S	328.81 W	0.63
11667.00	57 48	S 16 30 W	31.00	11247.72	1224.56	1181.02 S	336.22 W	0.55
11730.00	57 48	S 16 6 W	63.00	11281.30	1277.74	1232.19 S	351.18 W	0.54
11761.00	57 54	S 16 6 W	31.00	11297.79	1303.92	1257.41 S	358.46 W	[illegible]
11791.00	57 42	S 16 30 W	30.00	11313.78	1329.25	1281.77 S	365.58 W	1.31
11822.00	57 42	S 16 6 W	31.00	11330.34	1355.39	1306.92 S	372.93 W	1.09
11853.00	57 48	S 16 30 W	31.00	11346.88	1381.55	1332.08 S	380.29 W	1.14
11884.00	57 30	S 16 6 W	31.00	11363.47	1407.68	1357.21 S	387.64 W	1.46
11915.00	57 42	S 16 30 W	31.00	11380.08	1433.79	1382.33 S	394.99 W	1.27
11977.00	57 18	S 16 6 W	62.00	11413.40	1485.96	1432.52 S	409.66 W	0.84
12039.00	57 6	S 16 30 W	62.00	11446.98	1537.95	1482.54 S	424.29 W	0.63
12101.00	56 42	S 16 48 W	62.00	11480.84	1589.80	1532.30 S	439.17 W	0.76
12162.00	56 18	S 16 30 W	61.00	11514.51	1640.57	1581.04 S	453.74 W	0.77
12222.00	55 54	S 16 30 W	60.00	11547.97	1690.27	1628.78 S	467.89 W	0.67
12283.00	56 6	S 16 6 W	61.00	11582.08	1740.72	1677.32 S	482.08 W	0.63
12344.00	56 36	S 16 30 W	61.00	11615.88	1791.39	1726.06 S	496.33 W	0.98
12406.00	56 30	S 17 12 W	62.00	11650.06	1843.03	1775.57 S	511.32 W	0.96

CONTINUED ON NEXT PAGE ...

COASTAL OIL & GAS CORPORATION
ALTAMONT-BLUEBELL FIELD

SLOT : 2
WELL : UTE-JANS -184
FRML : S 20 9 W

DATE PRINTED : 19-JAN-88
OUR REF. NO. : 502876.4CZ
JOB NUMBER :

PAGE NO. 2

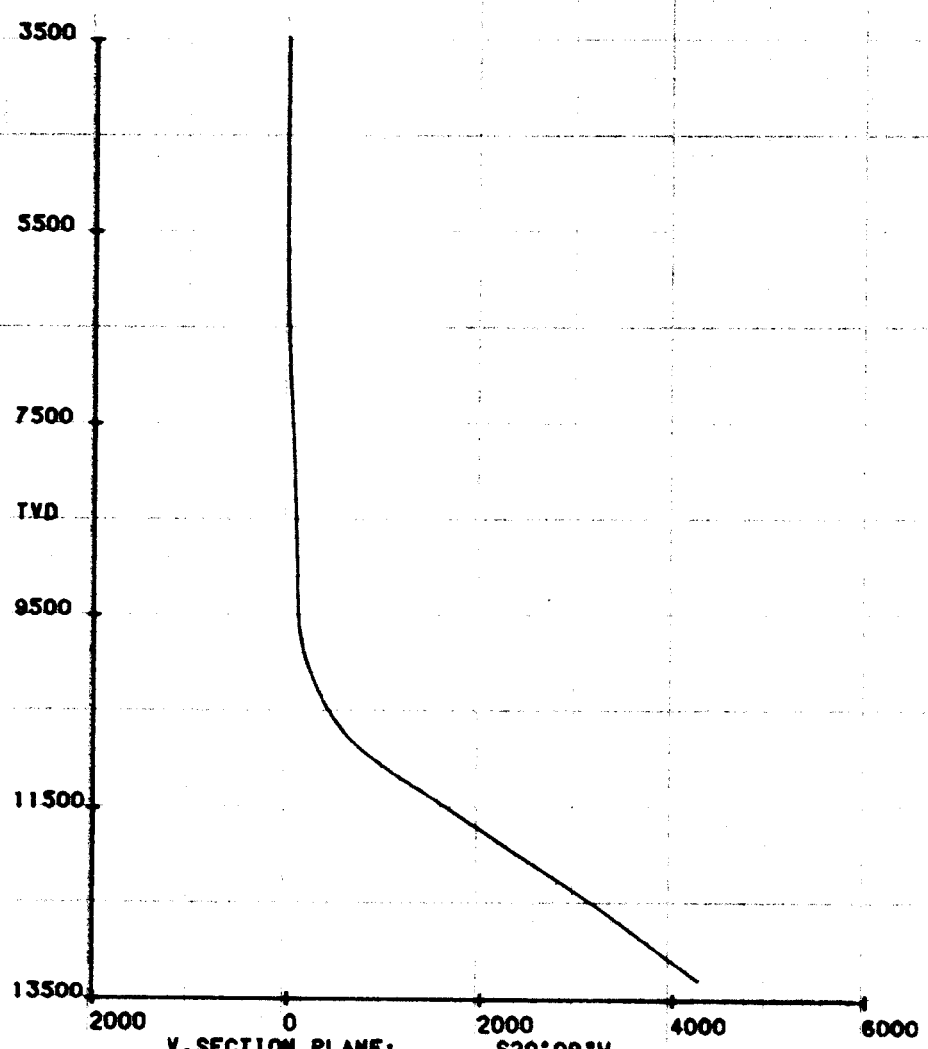
MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	VERTICAL SECTION	RECTANGULAR COORDINATES	DOG-LEG SEVERITY
12467.00	57 6	S 16 48 W	61.00	11683.46	1844.00	1824.36 S 526.25 W	1.15
12529.00	57 30	S 16 6 W	62.00	11716.95	1946.06	1874.42 S 541.02 W	1.13
12591.00	57 12	S 16 30 W	62.00	11750.40	1998.15	1924.52 S 555.67 W	0.73
12654.00	56 54	S 16 30 W	63.00	11784.67	2050.90	1975.21 S 570.69 W	0.45
12716.00	56 30	S 17 12 W	62.00	11818.71	2102.64	2024.80 S 585.71 W	1.14
12779.00	56 18	S 16 30 W	63.00	11853.57	2155.03	2075.03 S 600.92 W	0.95
12840.00	55 48	S 16 30 W	61.00	11887.64	2205.52	2123.54 S 615.29 W	0.82
12901.00	55 30	S 16 30 W	61.00	11922.05	2255.78	2171.83 S 629.60 W	0.49
12963.00	56 6	S 16 30 W	62.00	11956.90	2306.96	2221.00 S 644.16 W	0.97
13025.00	56 42	S 16 30 W	62.00	11991.21	2358.50	2270.51 S 658.83 W	0.97
13088.00	57 42	S 16 48 W	63.00	12025.34	2411.35	2321.25 S 674.00 W	1.64
13444.00	58 0	S 16 0 W	356.00	12214.78	2712.11	2610.39 S 759.10 W	0.21
13586.00	58 0	S 16 0 W	142.00	12290.03	2832.22	2726.15 S 792.29 W	0.00
14090.00	54 0	S 18 0 W	504.00	12571.80	3249.32	3125.63 S 914.42 W	0.86
14470.00	53 0	S 18 0 W	380.00	12797.83	3554.57	3416.14 S 1008.81 W	0.26
14882.00	54 0	S 18 0 W	412.00	13042.90	3885.52	3731.12 S 1111.16 W	0.24
15340.00	53 0	S 16 0 W	458.00	13308.86	4257.79	4087.66 S 1220.16 W	0.42
15372.00	55 0	S 16 0 W	32.00	13327.21	4283.94	4112.86 S 1227.39 W	0.09

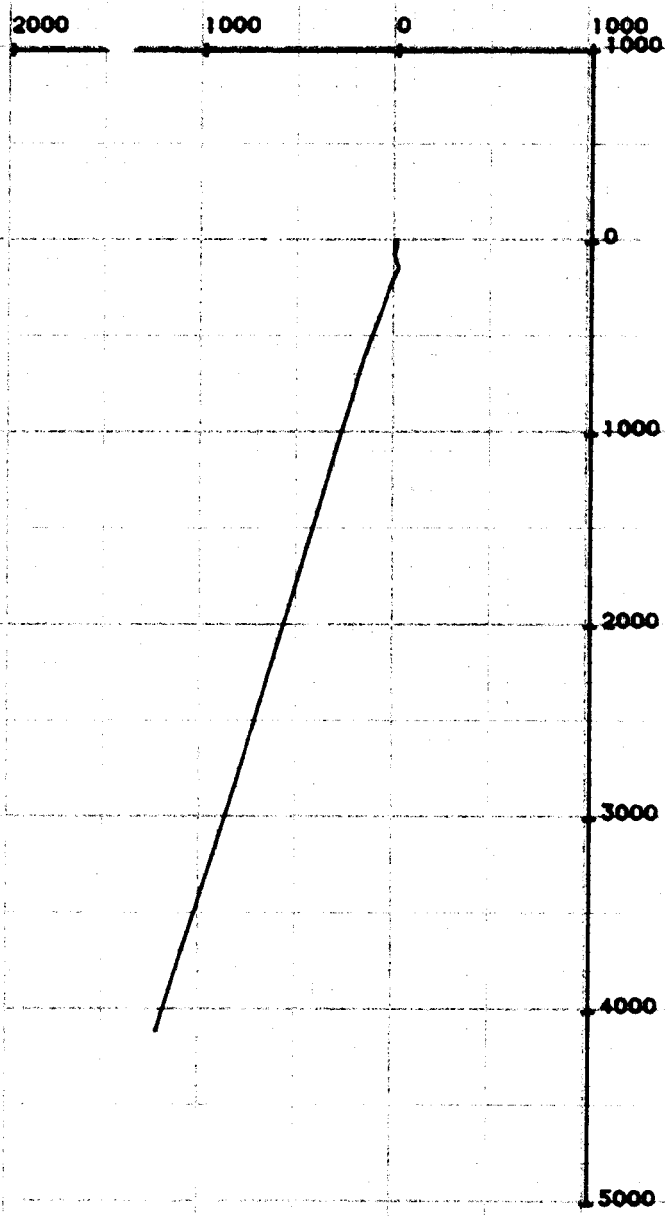
CLOSURE - DISTANCE : 4292.10
DIRECTION : S 16 37 W

REPORT UNITS : Feet
SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

3603 - 9467 MAGNETIC MULTI-SHOT / 22-NOV-87 / JIM PRICE !





SCALE 1": 1000FT.

NOTE: COORDINATES RELATIVE TO SLOT

SCALE 1": 2000FT.

COASTAL OIL & GAS CORPORATION

ALTAMONT-BLUE BELL FIELD

WELL: UTE-JNKS 2-19A4 SLOT: 2

ANR

ANR Production Company
a subsidiary of The Coastal Corporation

012712

RECEIVED
JAN 25 1988

DIVISION OF
OIL, GAS & MINING

January 19, 1988

Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Lisha Romero

N0235

This letter includes the information you requested on January 12, 1988 concerning the recent merger of ANR Limited, Inc. into ANR Production Company. Effective December 31, 1987 (December, 1987 Production), ANR Limited, Inc. merged into ANR Production Company; and henceforth, will continue operations as ANR Production Company.

N0675

ANR Production Company will begin reporting and remitting the Utah Conservation and Occupation Taxes effective December, 1987 production for leases previously reported by ANR Limited, Inc. (Utah Account No. N-7245). ANR Production Company will use the new Utah Account No. N-0675, as assigned by the State of Utah.

Please contact me at (713) 877-6167 if I can answer any questions on this matter.

Very truly yours,

Roger W. Sparks

Roger W. Sparks
Manager, Crude Revenue Accounting

The computer shows the ANR Limited wells listed under account no. N0235.
DTS
1-26-88

CC: AWS

CTE:mmw

Lisha,
I don't see any problem w/this. I gave a copy to Arlene so she could check on the bond situation. She didn't think this would affect their bond as the bond is set up for Coastal and its subsidiaries (ANR, etc.) No Entity Number changes are necessary. DTS 1-26-88

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
FEB 22 1988
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782 Ute
2. NAME OF OPERATOR: ANR Limited Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749	7. UNIT AGREEMENT NAME: N/A 022407
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL	8. FARM OR LEASE NAME: Ute Jenks
	9. WELL NO.: 2-1B4
	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1-T2S-R4W
14. PERMIT NO.: 43-013-31197	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Monthly Progress Report			[X]
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached chronological report for operations on the above referenced well for January, 1988.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Associate Regulatory Analyst DATE 2-15-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

1/18/88 15,372' Free pt. fish w/Dialog. Circ & cond for cmt. Cmt 5-1/2" liner w/Howco. 1220 sx 50/50 Poz, 15% Silica flour, 1% CFR3, 8% Halad 24, 12% CBL, 5# GIL, 1/4#/sk Flocele, 5% KCL, 14.3 PPG, 308.5 bbls. Displ w/289 bbls mud. PD @ 12:40 P.M. 1/17/88. Bumped plug to 2500 PSI, floats held. TOH, RS. TIH w/ HWDP, 5 stds. HWDP fell to btm. TIH w/DP open-ended. Screw into fish. TOF @ 9035'. TOL @ 9492'. Work stuck pipe. RU Dialog. Free pt fish. Stuck @ TOL. MW 13.9, VIS 60, WL 6.4, HTHP 16, PV 15, YP 13, 63% oil, TR LCM, 30% SOL, ES 780, CL 337,837, OWR 90/10, GELS 5, 10" 7, CAKE 3. CC: $2,503,403.

1/19/88 15,372' Prep to BO 5-1/2" csg. Freept. run sinker bar, run to 9600'. GIH w/ string shot. BO @ 9478'. TOH w/fish, rec 14 jts HWDP - 1 jt left in hole. RS. PU fishing tools, TIH. Circ above fish. Screw into fish & jar on same. RU Dialog. Run freept. inside liner. Stuck @ 9890', 100% free @ 9550'. Attempt to BO. RF nipple @ 9515'. BO & screw in sub. POH w/WL. Screw back into fish. GIH w/new string shot. MW 13.4, VIS 68, WL 6.6, HTHP 16, PV 17, YP 13, 65% oil, TR LCM, 28% SOL, ES 820, CL 326,923, OWR 90/10, GELS 4, 10" 6, CAKE 3. CC: $1,531,425.

1/20/88 15,372' LD DP. TIH w/Dialog - Freepoint & string shot. Back off 5-1/2" csg @ 9552.61' (1 jt below csg hanger). RD Dialog. TOH w/fish - chain out. LD fishing tools. Fish = csg hanger & 1 jt 5-1/2" csg. RS. TIH w/DC's - HWDP & DP to 9100'. RU LD mach. LD DP. TIH w/remaining DP. LD DP. CC: $2,666,534.

1/21/88 15,372' ND BOPE. LD DP & DC's. Clean mud pits, floor, pan, & BOP's. Remove drip pan. RU BOP lifts, ND BOP's. CC: $2,678,197.

1/22/88 15,372' Cleaning mud pits. ND BOP's. PU & RIH w/219 jts (6789.37') 2-7/8", 6.5#, L-80, 8rd EUE tbg. Landed on threaded flange. Install TIW valve on flange. Clean pits, RD rental equipment & tarps on pits. Will release rig this P.M. CC: $2,705,190.

1/23/88 15,372' RD MORT. Clean mud tanks, load out rental equipment. Rig released @ 4:00 P.M. 1/22/88. Fuel on hand at RR = 40" 6161 gals #2 diesel. FINAL DRLG REPT - TRANSFER TO PRODUCTION DEPT. CC: $2,714,285.
FINAL DRLG COST + 6% = $2,877,142 LESS $45M MUD CREDIT = $2,832,142.

1/9/88 14,411' Circ through gas separator & raise MW. 145'/13 hrs. Drlg, lost circ @ 14,307'. MW in = 13.0 PPG, MW out = 12.7 PPG. BGG 2200 U. Cut MW to 12.5 PPG, mix 262 bbls, 50 lb/bbl LCM pill, spot pills. Regain circ, lost 573 bbls mud. Drlg 14,307' to 14,319', full returns, 2700 U BGG. Circ through gas sep., full ret. Drlg, regained 220 bbls mud volume. Net mud lost = 353 bbls. Circ through gas sep., raise MW 12.5 PPG to 13.0 PPG. Drlg brks 14320'-14350', MPF 5-4-6.5, gas units 1500-2500-2400 (MW cut 12.5-12.3 PPG); & from 14381'-14392', MPF 4-6-5.5, gas units 2500-3300-1500 (MW cut 12.7-12.4 PPG). MW 13.0, VIS 48, WL 6.2, HTHP 15, PV 11, YP 11, 74% oil, 18% LCM, 20% SOL, ES 920, Ex-Lm 4.6, CL 298,000, OWR 92/8, GELS 3, 10" 3, CAKE 2. CC: $2,266,856.

1/10/88 14,512' TFNB. 101'/7 hrs. RS, circ & cond-making large amounts gas, 5000 MCFD est., raise MW to 13.0. Drlg through gas sep. Replace rot HD, gasket blew out. Drlg, increase MW to 13.3 PPG, well flowing w/13.0 PPG. Circ & cond for trip. BGG down to 1600 U. Svy @ 14,470'. TFNB. BGG 1800 U, CG 3000 U. Drlg brk in Wasatch from 14,490'-14,504', MPF 7-2.5-7, gas units 2000-2700-2000 (on gas sep.). MW in 13.4, out 12.6 PPG. 80% SH, 20% SS. SVY: 53 deg S-18-W @ 14,470'. MW 13.2/12.6, VIS 48, WL 7.2, HTHP 19, PV 13, YP 10, 71% oil, 16% LCM, 23% SOL, ES 860, Ex-Lm 4.2, CL 335,000, Ca 92/8, GELS 3, 10" 5, CAKE 2. CC: $2,304,418.

1/11/88 14,753' Drlg 241/21 hrs. Fin TIH, wash & ream 14437'-14512', RS. Drlg. BGG 220 U, CG 800 U, TG 2600 U through gas buster. 80% SH, 20% SS & LS. No mud lost on trip or while drilling. MW 13.4, VIS 46, WL 8.0, HTHP 17, PV 14, YP 13, 67% oil, 16% LCM, 26% SOL, ES 740, Ex-Lm 3.8, CL 290,000, OWR 91/9, GELS 4, 10" 6, CAKE 3. CC: $2,319,390.

1/12/88 14,904' TFNB. 151'/14 hrs. RS, drlg, circ for drlg brk, svy. TFNB, inspect BHA. BGG 200 U, CG 820 U. Drlg brk in Wasatch FR 14883'-14893', MPF 5.5-2.5-6.5, gas units 160-220-200. 90% SH, 10% SS. SVY: 54 deg S-18-W @ 14,882'. MW 13.4, VIS 47, WL 6.8, HTHP 16, PV 18, YP 14, 65% oil, 16% LCM, 28% SOL, 780 ES, Ex-Lm 4.3, CL 325, OWR 90/10, GELS 4, 10" 7, CAKE 4. CC: $2,350,279.

1/13/88 15,074' Drlg 170'/12-1/2 hrs. Inspect BHA - 3 jts. HWDP cracked, TIH. Wash & ream 14,825'-14,904', OK. Drlg, screen out LCM. BGG 150 U, CG 500, TG 2900. No shows, 85% SH, 10% SD, 5% Lime. MW 13.3, VIS 48, WL 6.8, HTHP 16, PV 7, YP 12, 70% oil, 5% LCM, 22% SOL, ES 600, Ex-Lm 3.5, CL 317,000, OWR 90/10, GELS 4, 10" 6, CAKE 3. CC: $2,368,440.

1/14/88 15,354' Drlg 280'/23-1/2 hrs. Drlg, RS - chk BOP, drlg. Wasatch, 80% SH. drlg brk from 15046'-84', MPF 6.5-2.5-4, gas units 150-370-300, MW 13.4 to 13.3. Lost mud: 30 bbls @ 15,315' (80 bbls in 24 hrs). Seepage after 15,315'. BGG 300 U, CG 1050'. MW 13.2, VIS 47, WL 6.0, HTHP 16, PV 14, YP 13, 65% oil, TR LCM, 28% SOL, ES 840, CL 328/767, GELS 4, 10" 6, CAKE 3. CC: $2,385,232.

DRLG BRKS	MPF	GAS UNITS	MW
15104-15128'	5-3-6	300-700-600	13.4 to 13.3
15150-15151'	6-6.5-6	600-1300-800	13.4 to 13.3
15170-15178'	4.5-2-6.5	700-900-700	No change
15189-15204'	6.5-3-7	700-2600-700	13.3 to 12.5

1/15/88 15,372' TIH w/DILL. 18'/1-1/2 hrs. Drlg, circ - spot LCM pill. Short trip 41 stds. RS, TIH - 6' fill. Circ & cond for logs, spot LCM pill, drop svy. TOH, SLM - no corr. RU Schlumberger. TIH w/DILL & Sonic. Sonic tool failed on up-hole test. LD Sonic, TIH w/DILL. Wasatch, 90% SH, 10% SD, BGG 200 U, CG 1380, TG 2750 U. Lost 174 bbls mud. SVY: 55 deg S-16-W @ 15,340'. MW 13.3, VIS 47, WL 6.4, HTHP 16, PV 14, YP 12, 65% oil, 1% LCM, 28% SOL, ES 800, Ex-Lm 4, CL 336,643, OWR 90/10, GELS 4, 10" 6, CAKE 3. CC: $2,395,430.

1/16/88 15,372' Circ & cond for liner. Log open hole w/Schlumberger. Ran dual ind-GR FR 15372'-11254', long spacing sonic log 15371'-11254'. TIH, circ & cond. BGG 3600 U thru FL - started thru gas buster; TG 2700 U, CGG 600 U, lost 79 BM. MW 13.3, VIS 55, WL 6.4, HTHP 16, PV 14, YP 13, 65% oil, TR LCM, 28% SOL, ES 800, Ex-Lm 4, CL 337,837, OWR 90/10, GELS 4, 10" 6, CAKE 3. CC: $2,424,251.

1/17/88 15,372' Circ & cond - prep to cmt. Circ & cond. Spot 100 bbls 30% LCM pill on btm. TOH, LD IBS's & 2 Monel DC's. RU csg crew. PU & run 148 jts 5-1/2" 20# P-110 LT&C 8rd csg (5859.44'). RD csg crew. TIH w/DP & liner. Hang liner shoe @ 15,367'. TOL @ 9488'. Circ & cond for cmt. TG 1100, BGG 200 U. Lost TTL 60 BM (27 bbls w/liner on bttm). MW 13.3, VIS 70, WL 6.4, HTHP 16, PV 16, YP 14, 63% oil, 1% LCM, 30% SOL, ES 780, Ex-Lm 4, CL 337,837, OWR 90/10, GELS 5, 10" 7, CAKE 3. CC: $2,436,527.

1/1/88 13,421' Circ, raise MW to 12.0 PPG. 107'/14 hrs. Drlg, RS, dlrg, circ & raise MW to 11.8 PPG; circ, raise MW to 12.0 PPG; 11.8 PPG cut to 11.5 PPG. 90% SH, 10% SS. BGG 40 U (low), 1060 U (now), cut mud .3 PPG. Drlg brks FR 13,346'-13,352', MPF 10-3.5-6.5, gas units 28-80-28, 50% SS, 50% SH; 13,406'-13,414', MPF 9 to 10-6.5-9, gas units 40-1300-1480, 90% SH, 10% SS. Lost 33 bbls mud before last show - total lost 365 bbls. MW 12.0/11.7, VIS 47, HTHP 16, PV 16, YP 15, 72% oil, 19% SOL, ES 2000, Ex-Lm 5, CL 258,882, OWR 89/11, GELS 6, 10" 8, CAKE 2. CC: $2,061,755.

1/2/88 13,463' Drlg 42'/6-1/2 hrs. Circ & raise MW to 12.0 PPG. Drlg, circ, spot LCM pill. Drop svy, pmp pill, TFNB. Wash & ream 80', no fill, no tight spots. Circ, install O'ring on rot hd rbr. Drlg. BGG 360 U before trip, 175 U after trip. CG 700 U, TG 1900 U. 100% SH. Lost 23 bbls mud - 388 bbls total lost. Svy misrun @ 13,373'. MW 12.0, VIS 47, HTHP 16.2, PV 13, YP 17, 72% oil, TR LCM, 20% SOL, ES 2000, Ex-Lm 3.2, CL 282,051, OWR 90/10, GELS 7, 10" 9, CAKE 2. CC: $2,075,042.

1/3/88 13,582' Drlg 119'/21 hrs. Drlg, RS, RU OWP & run directional survey. Drlg. Wasatch, 90% SH, 10% LS. BGG 25 U, CG 365 U, survey 850 U. Lost 70 bbls @ 13,555' to fracture & 68 bbls while drlg = 138 bbls. SVY: 58 deg S-16-W @ 13,444'. MW 12.0, VIS 44, HTHP 16.6, PV 13, YP 17, 72% oil, 0% LCM, 20% SOL, ES 2000, Ex-Lm 5, CL 308,642, OWR 90/10, GELS 7, 10" 9, CAKE 2. CC: $2,096,425.

1/4/88 13,635' TFNB 53'/10 hrs. Drlg, svy, mis & pmp LCM pill & slug. TFNB, inspect BHA, 3 HWDP cracked boxes. TIH w/diamond bit. Wasatch, 90% SH, 10% SS. BGG 75-125 U, CG 100-170 U. Lost 74 bbls mud, total lost = 600 bbls. SVY: 58 deg @ 13,586' (can't read direction). MW 11.8, VIS 43, WL 6.2, HTHP 16, PV 12, YP 17, 75% oil, 17% SOL, ES 2000, Ex-Lm 5, CL 303,482, OWR 90/10, GELS 6, 10" 8, CAKE 2. CC: $2,106,551.

1/5/88 13,668' Drlg 33'/3-1/2 hrs. TIH w/diamond bit. Wash & ream 13,510'-13,635'. Work with diamond bit - would not drill. TFNB, cut drlg line, TIH. Wash & ream 30' - no fill. Drlg. BGG 70 U, TG 4300 & 850 U. 90% SH, 10% SD. 163 jts 5-1/2" 17# S-95 on location. MW 12.1, VIS 46, WL 7.2, HTHP 16, PV 13, YP 17, 20% SOL, ES 1462, Ca 303,482, GELS 6, 10" 8, OWR 90/10. CC: $2,114,429.

1/6/88 13,920' Drlg 252'/23-1/2 hrs. Drlg, RS. Lost 54 bbls mud/24 hrs - 654 TTL lost. Wasatch 80% SH, 20% SS, BGG 50 U, CG 100. Drlg Brk 13804'-13818', MPF 6.5-3.5-6, gas units 75-150-75. 80% SS, 20% SH, good streaming cut. MW 11.7, VIS 42, WL 7.6, HTHP 17, PV 14, YP 15, 19% SOL, ES 1640, Ex-Lm 4.2, CL 356,000, GELS 6, 10" 8, CAKE 2, OWR 93/7. CC: $2,140,166.

1/7/88 14,096' TFNB 176'/14 hrs. Drlg, chg rot hd rub. Drlg, circ btms up, spot 20% LCM pill. Drop svy, TFNB. BGG 600 U, CG 750 U. Drlg brk FR 13922'-13935', MPF 3.5-4-3.5, gas units 75-3150-2200. Mud cut 11.7 to 11.4 PPG. 15% SS, 85% SH. Lost 26 bbls mud - TTL mud loss = 680 bbls. Svy misrun. MW 12.8, VIS 40, WL 7.0, HTHP 16, PV 14, YP 17, 22% SOL, ES 1090, Ex-Lm 4.7, CL 375,000, OWR 92/8, GELS 8, 10" 10, CAKE 2. CC: $2,187,832.

1/8/88 14,266' Drlg 170'/14-1/2 hrs. RS, TIH, ream & wash 14,056'-14,096'. Drlg, svy w/OWP elect. line, bit @ 14,180'; survey @ 14,090'. Drlg, incr MW to 13.0 PPG. BGG 1800 U, CG 2300 U, TG 4125 U. 70% SH, 30% SS. Lost 41 bbls mud on trip - TTL lost = 721 bbls.

DRLG BRKS	MPF	GAS UNITS	
14195-14205'	5-4-7	600-1800-1800	(Wasatch)
14214-14226'	7-4.5-6	1700-1900-1850	(Wasatch)

Mud cut: 12.8 to 12.4 PPG. MW 13.0, VIS 44, WL 7.6, HTHP 17, PV 15, YP 17, 71% oil, 22% SOL, pH 1100, Ex-Lm 4.9, CL 343,000, OWR 91/9, GELS 8, 10" 10, CAKE 3. CC: $2,213,030. SVY: 54 deg S-18-W @ 14,090'.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

MAR 23 1988

DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 082801 Uinta & Ouray Indian Tribe

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Ute Jenks

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 2-1B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S, R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Appl.for emergency/flare pit			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company hereby makes application for use of the emergency flare pit on the above referenced location. The pit is approximately 30 x 20 x 6'.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Associate Regulatory Analyst DATE March 21, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3-24-88

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ANR Production Company
a subsidiary of The Coastal Corporation

March 24, 1988

Bureau of Land Management
170 South, 500 East
Vernal, Utah 84078

Attention: Bena Muth

Orl.
43-013-31197

Re: Tight Hole Status
Ute Jenks 2-1B4

Dear Ms. Muth:

I would like to request tight hole status for the Ute Jenks 2-1B4 located in Section 1, T2S, R4W, Duchesne County, Utah.

We would appreciate your keeping all reports and any other information confidential until further notice.

Thank you.

Sincerely,

Brenda W. Swank

Brenda W. Swank
Associate Regulatory Analyst

BWS:dh

xc: State of Utah
R. Bartley/V. Guinn
L. Streeb/Well File

ANR Production Company
a subsidiary of The Coastal Corporation

March 24, 1988

Bureau of Land Management
170 South, 500 East
Vernal, Utah 84078

Attention: Bena Muth

43-013-31197

Re: Tight Hole Status
Ute Jenks 2-1B4

Dear Ms. Muth:

I would like to request tight hole status for the Ute Jenks 2-1B4 located in Section 1, T2S, R4W, Duchesne County, Utah.

We would appreciate your keeping all reports and any other information confidential until further notice.

Thank you.

Sincerely,

Brenda W. Swank

Brenda W. Swank
Associate Regulatory Analyst

BWS:dh

xc: State of Utah
R. Bartley/V. Guinn
L. Streeb/Well File

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

APR 27 1988

DIVISION OF OIL, GAS & MINING

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 500' FNL & 2,380' FWL
At top prod. interval reported below S 16° 30'W, 1246.5' from surface location
At total depth S 16° 37'W, 4292.1' from surface location

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Indian Tribe
7. UNIT AGREEMENT NAME: N/A
8. FARM OR LEASE NAME: Ute Jenks
9. WELL NO.: 2-1B4
10. FIELD AND POOL, OR WILDCAT: Altamont
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 1-T2S-R4W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31197		Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
10-26-87	1-15-88	2-24-88	6281' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
15380 MD/ 13331 TVD	15325 MD/ 13300 TVD		→	0-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13389 MD (12186 TVD) - 15291 MD (13281 TVD) - Wasatch

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL-SP-GR-LSS

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	76'	30"	330 sx	
13 3/8"	54.5	3504'	17 1/2"	2,500 sx.	
9 5/8" & 9 7/8"	62.8 & 47	11258'	12 1/4"	3,000 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2	9488'	15367	1220	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	13290'	13290'

31. PERFORATION RECORD (Interval, size and number)
Perfed Wasatch w/4" casing gun, 3SPF,
120.phase @ 13389-15291' (gross)
186 net ft. 558 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13389-15291	18816 gallons 15% acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2-22-88	flowing	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-22-88	24	open		418	570	287	1.36

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
160			418	570	287	44.3

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold
TEST WITNESSED BY:

35. LIST OF ATTACHMENTS
A copy of all logs and tests run have been supplied under separate cover.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brenda W. Swank (Brenda W. Swank) TITLE Associate Regulatory Analyst DATE 4-22-88

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. **SUMMARY OF POROUS ZONES:** (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): No cores, DST's

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lower Green River	9743 MD	11340 MD	Oil, gas, water
Wasatch	11340 MD	NR at TD	Oil, gas, water

38. **GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
L. Green River	9743'	9738'
Ml (carbonate) marker	11048'	10880'
Wasatch	11340'	11063'

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782 POW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Indian Trib

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Ute Jenks

9. WELL NO.: 2-1B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1-T2S-R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,281' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Pump Conversion			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

April 26, 1988: Changed out hydraulic pump and installed a submersible pump.

RECEIVED
MAY 25 1988
DIV. OIL, GAS, MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 5-20-88

Brenda W. Swank

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Indian Tribe

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

7. UNIT AGREEMENT NAME: N/A

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

8. FARM OR LEASE NAME: Ute Jenks

2. NAME OF OPERATOR: ANR Production Company

9. WELL NO.: 2-1B4

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 500' FNL & 2,380' FWL
At top prod. interval reported below: S 16° 30'W, 1246.5' from surface location
At total depth: S 16° 37'W, 4292.1' from surface location

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 1-T2S-R4W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31197		Duchesne	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
10-26-87	1-15-88	2-24-88	6281' GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
15380 MD/ 13331 TVD	15325 MD/ 13300 TVD		→	0-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
11699' MD (11265' TVD) - 15291' MD (13281' TVD) - Wasatch

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-SP-GR-LSS

CONFIDENTIAL

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	76'	30"	330 sx	
13 3/8"	54.5	3504'	17-1/2"	2,500 sx.	
9-5/8" & 9-7/8"	62.8 & 47	11258'	12-1/4"	3,000 sx.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	9488'	15367'	1220	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11,598'	11,598'

31. PERFORATION RECORD (Interval, size and number)
Perfed Wasatch w/4" casing gun, 3SPF,
@ 11,699'-15,291' (gross)
340 net ft. - 1020 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,389-15,291'	18,816 gallons 15% acid
11,699-13,268'	16,000 gallons 15% acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-26-88	pumping	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-26-88	24			601	932	569	1.64

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			601	932	569	42.6

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
A copy of all logs and tests run have been supplied under separate cover.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Brenda W. Swank TITLE Associate Regulatory Analyst DATE 5-19-88

RECEIVED
MAY 25 1988
DIV. OIL, GAS, MINING

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lower Green River	9743 MD	11340 MD	Oil, gas, water
Wasatch	11340 MD	NR at TD	Oil, gas, water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
L. Green River	9743'	9738'
M1 (carbonate) marker	11048'	10880'
Wasatch	11340'	11063'

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAY 26 1988
DIV. OIL, GAS, MINING

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tri
	7. UNIT AGREEMENT NAME: N/A
2. NAME OF OPERATOR: ANR Production Company	8. FARM OR LEASE NAME: Ute Jenks
3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749	9. WELL NO.: 2-1B4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2,380' FWL	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1-T2S-R4W
14. PERMIT NO.: 43-013-31197	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,281' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Apply for water disposal			[X] NTL-2B
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company hereby makes application for disposal of produced water under NTL-2B, Paragraph II, "Disposal in the Subsurface," for the above referenced well.

The produced water will be disposed into ANR Production Company's Fee 2-27B4, SWD well located in Section 27, T1S, R4W, Duchesne County, Utah.

See attached water analysis for more information.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE May 20, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5-31-88
BY: [signature]

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PETROLITE OIL FIELD CHEMICALS GROUP
369 Marshall Avenue • St. Louis, Missouri 63119
314 961-3500 • TWX 910-760-1660 • Telex: 44-2417

WATER ANALYSIS REPORT

COMPANY ANR Production Co ADDRESS _____ DATE: 3-28-88

SOURCE 2-1B4 DATE SAMPLED 3-27-88 ANALYSIS NO. _____

Analysis	Mg/L		*Meq/L	
1. pH	7			
2. H_2S (Qualitative)	3ppm			
3. Specific Gravity	1.000			
4. Dissolved Solids	16873			
5. Suspended Solids				
6. Phenolphthalein Alkalinity ($CaCO_3$)				
7. Methyl Orange Alkalinity ($CaCO_3$)	520			
8. Bicarbonate (HCO_3)	HCO_3 634	÷61	10	HCO_3
9. Chlorides (Cl)	Cl 5743	÷35.5	162	Cl
10. Sulfates (SO_4)	SO_4 4500	÷48	94	SO_4
11. Calcium (Ca)	Ca 480	÷20	24	Ca
12. Magnesium (Mg)	Mg 49	÷12.2	4	Mg
13. Total Hardness ($CaCO_3$)	1400			
14. Total Iron (Fe)	8ppm			
15. Barium (Qualitative)				
16. Strontium				

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

*		*
24	Ca ← → HCO_3	10
4	Mg → → SO_4	94
238	Na → Cl	162

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/L
$CaSO_4 \cdot 2H_2O$	2,090 Mg/L
$MgCO_3$	103 Mg/L

Compound	Equiv. Wt.	X Meq/L =	Mg/L
$Ca(HCO_3)_2$	81.04	10	810
$CaSO_4$	68.07	14	953
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17		
$MgSO_4$	60.19	4	241
$MgCl_2$	47.62		
$NaHCO_3$	84.00		
Na_2SO_4	71.03	76	5398
NaCl	58.46	162	9471

REMARKS _____

Respectfully submitted
PETROLITE CORP.
Preston Stewart

Petrolite Oil Field Chemicals Group
369 Marshall Avenue • St. Louis, Missouri 63119
314 961-3500 • TWX 910-760-1660 • Telex 44-2417

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
$CaCO_3$ Scaling Tendency

SAMPLE

Sample Test No. _____

Company ANR Production Co. Sample Date 3-27-88

Address _____ Submitted by P. Stewart

Sample 2-1B4 Field _____

S. I. = pH - pCa - pAlk - K

where S. I. = stability index
pH = pH as measured on fresh sample
pCa = negative logarithm of calcium concentration
pAlk = negative logarithm of total alkalinity
K = constant, depends upon temperature and salt content

pH = 7 pCa = 1.92 pAlk = 1.99

CALCULATION OF IONIC STRENGTH AND K VALUE

Na	(5474) X (2.2×10^{-5}) =	.120
Ca	(480) X (5.0×10^{-5}) =	.024
Mg	(49) X (8.2×10^{-5}) =	.004
Cl	(5743) X (1.4×10^{-5}) =	.080
HCO_3	(634) X (0.8×10^{-5}) =	.005
SO_4	(4500) X (2.1×10^{-5}) =	.095

TOTAL IONIC STRENGTH = .33

K = 1.4 @ 180 °F.

K = 2.0 @ 140 °F.

SI at (180)° = (7) - (1.92) - (1.99) - (1.4) or 1.69

SI at (140)° = (7) - (1.92) - (1.99) - (2.0) or 1.09

SI = O or water is relatively stable at _____ °F.

Remarks: S.I. greater than 0 - Scale Formation

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JUL 26 1988
DIVISION OF OIL, GAS & MINING

1. OIL WELL [XX] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: ANR Production Company

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 500' FNL & 2380' FWL

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Indian Tribes

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Ute Jenks

9. WELL NO.: 2-1B4

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S-R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Site Security Diagram			[XX]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached Site Security Diagram for the above-referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey (Eileen Danni Dey) TITLE Regulatory Analyst DATE July 21, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

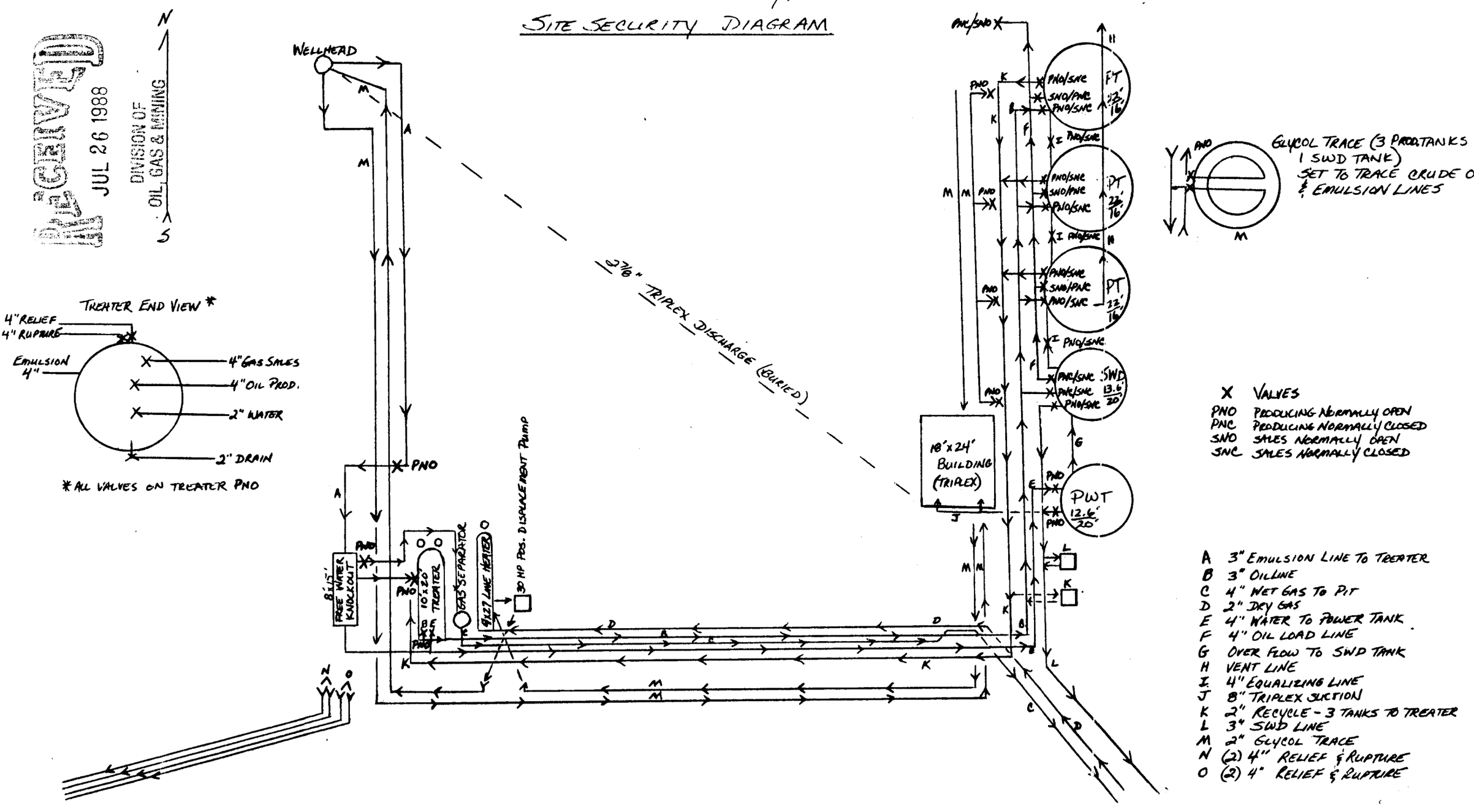
*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UTE JENKS #2-184
SECTION 1, T2S-R4W
DUCHESNE COUNTY, UTAH

SITE SECURITY DIAGRAM

RECEIVED
JUL 26 1988
DIVISION OF
OIL, GAS & MINING



TREATER END VIEW *

* ALL VALVES ON TREATER PNO

X	VALVES
PNO	PRODUCING NORMALLY OPEN
PNC	PRODUCING NORMALLY CLOSED
SNO	SALES NORMALLY OPEN
SNC	SALES NORMALLY CLOSED

A	3" EMULSION LINE TO TREATER
B	3" OIL LINE
C	4" WET GAS TO PIT
D	2" DRY GAS
E	4" WATER TO POWER TANK
F	4" OIL LOAD LINE
G	OVER FLOW TO SWD TANK
H	VENT LINE
I	4" EQUALIZING LINE
J	8" TRIPLEX SUCTION
K	2" RECYCLE - 3 TANKS TO TREATER
L	3" SWD LINE
M	2" GLYCOL TRACE
N	(2) 4" RELIEF & RUPTURE
O	(2) 4" RELIEF & RUPTURE

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Indian Tribes

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: ANR Production Company

8. FARM OR LEASE NAME: Ute Jenks

3. ADDRESS OF OPERATOR: P.O. Box 749, Denver, Colorado 80201-0749

9. WELL NO.: 2-1B4

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2380' FWL

RECEIVED
MAY 25 1989
DIVISION OF OIL, GAS & MINING

10. FIELD AND POOL, OR WILDCAT: Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S-R4W

14. PERMIT NO.: 43-013-31197

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6281' GR

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[X]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached stimulation procedure for the above-referenced well.

18. I hereby certify that the foregoing is true and correct

SIGNED Eileen Danni Dey TITLE Regulatory Analyst DATE May 23, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

approval of this well required before commencing operations

*See Instructions on Reverse Side

6-1-89

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STIMULATION PROCEDURE

UTE JENKS #2-1B4

Section 1, T2S, R4W
Altamont Field
Duchesne County, Utah

May 18, 1989

Well Data

Location:	(Surface) 500' FNL & 2630' FWL (Bottom Hole) 760' FSL & 760' FWL
Elevation:	6286' Ungr.; 6313' KB
Total Depth:	15,372 MD True Vertical: 13,323'
PBTD:	14,980' Top of Fish @ 15,100'
Casing:	13-3/8" 54.5# K-55 set @ 3510' w/2500 sx 9-5/8" 47# N-80 set @ 7943' 9-7/8" 62.8# CYS-95 set @ 7943'-11,258' w/3000 sx 5-1/2" 20# P-110 Liner set @ 9558'-15,367' w/1050 sx. Top of Tieback Sleeve @ 9544' Top of Bowen Casing Packer Patch @ 9554' and bottom @ 9558'. Note: Dia-Log recorded a 2' casing split from 13,384' to 13,386'. Split appears to be in the middle of a dog leg.
Packer:	Mountain States Arrow Set I @ 11,585'
Pump Cavity:	National Pump Cavity @ 11,493'
Perforated Interval:	Upper Wasatch (11,699'-13,268'/462 perfs) Lower Wasatch (13,389'-15,291'/558 perfs)
Perforated Interval Open:	11,699'-14,980'/927 perfs
Depth Reference:	Schlumberger DIL dated 1/14/88

Casing Data:

Size (in)	Wt (#/ft)	Grade	I.D. (in)	Burst (psi)	Collapse (psi)	Capacity (B/F)	Depth (ft)
13-3/8"	54.5#	K-55	12.615	2,730	1,400	0.1545	0-3510'
9-5/8"	47.0#	N-80	8.681	6,870	4,750	0.0732	0-7943'
9-7/8"	62.8#	CYS-95	8.560	10,150	9,750	0.0711	7943'-11,258'
5-1/2"	20.0#	P-110	4.778	12,640	11,080	0.0221	9558'-15,367'
5-1/2"	23.0#	SS-95	4.670	9,880	12,450	0.0211	---
3-1/2"	10.3#	P-110 CS Hydril	2.922	15,900	16,670	0.00829	---

Procedure

1. MIRU workover rig. ND wellhead and NU BOP. POH w/tubing, pump cavity and packer.

2. RIH w/4-1/2" mill to top of casing split @ 13,384' and check for fill. POH w/BHA.

3. MIRU Wireline Company and wireline set a Baker "SC-2" retrievable production packer @ 13,320'. RIH w/a Baker "DR" latching packer plug on tubing and set in the "SC-2" packer (isolate Lower Wasatch completion interval). POH w/tubing.

4. RU Wireline Company dump bailer and place 2 sx of sand on top of temporary bridge plug @ 13,320'.

5. Perforate additional Upper Wasatch pay (11,342'-13,297') w/a 3-1/8" casing gun 1 JSPF @ 90° phasing, total of 63 holes, as shown below:

   See Attached Perforation Schedule

6. Wireline set a Baker "Retrieva DAB" packer w/a attached 3-1/2" glass knockout disc @ ±9600'. ND BOP.

7. RU rig and casing pickup machine to run 5-1/2" 23# SS-95 LT&C casing and RIH w/the following:

   A. Baker KBH-22 latching seal assembly

   B. 100' 3-1/2" 10.3# P-110 CS Hydril tubing

   C. 3-1/2" x 5-1/2" crossover

   D. 9500' 5-1/2" 23# SS-95 LT&C casing

8. Circulate casing w/2% KCl freshwater containing corrosion inhibitor. Sting into packer and set casing. NU BOP & WH.

9. RIH w/sinker bars on sand line and break glass knockout disc in bottom of packer @ ±9600'.

10. Frac stimulate Upper Wasatch perf interval (11,342'-13,297') w/100,000 gals of 40#/Mgal crosslink gel and 53,400# 20-40 Ottawa sand down 5-1/2" casing @ 80 BPM as follows:

Stage	Volume (gals)	Sand Concentration (#/gal)	Sand Weight (#)
Drop 180 7/8" 1.3 S.G. ball sealers in clusters.			
Pad	7,000	0	0
SLF	4,000	0.5	2,000
SLF	4,000	1.0	4,000
Drop 120 7/8" 1.3 S.G. ball sealers in clusters.			
Pad	10,000	0	0
SLF	6,000	0.5	3,000
SLF	6,000	1.0	6,000

Stage	Volume (gals)	Sand Concentration (#/gal)	Sand Weight (#)
Drop 60 7/8" 1.3 S.G. ball sealers in clusters.			
Pad	12,000	0	0
SLF	8,000	0.5	4,000
SLF	8,000	1.0	8,000
Drop 30 7/8" 1.3 S.G. ball sealers in clusters.			
Pad	11,000	0	0
SLF	4,800	0.5	2,400
SLF	4,800	1.0	4,800
SLF	4,800	1.5	7,200
SLF	4,800	2.0	9,600
Gel Spacer	4,800	0	0
Flush	10,000	freshwater to top perf @ 11,342'.	
Totals	110,000 gals		53,400#

Notes:

1. Fluids to contain 20 gals/M surfactant, 50 gals/M mutual solvent and 2% KCl.
2. Heat all fluids to 150°F prior to job.
3. Maintain 2000 psig on annulus throughout job.
4. Pump job @ 80 BPM. Estimate surface treating pressure - 6000 psig.
5. Maximum surface treating pressure - 9000 psig.

11. Flow test well. Consider RIH w/packer and tubing to help unload well.
12. POH and lay down 5-1/2" casing BHA. RIH w/tubing and retrieve Baker "Retrieva DAB" packer.
13. RIH w/Mountain States Arrow I packer and pump cavity on 2-7/8" tubing. Set packer @ 11,585'. Return well to production.

REC:tmr

Attachment

UTE JENKS #2-1B4
SECTION 1, T2S-R4W
DUCHESNE COUNTY, UTAH

Additional UPPER WASATCH Perforation Schedule

(Reference: Schlumberger DIL dated 1-14-88)

11342	11521	11688	12807
11364	11554	11750	12811
11368	11556	11788	12819
11373	11563	12000	12954
11384	11580	12306	12959
11395	11587	12467	13109
11402	11617	12477	13126
11421	11627	12513	13131
11438	11632	12520	13138
11470	11642	12541	13212
11475	11655	12587	13223
11495	11663	12593	13254
11499	11670	12628	13291
11502	11675	12757	13295
11510	11680	12793	13297
11514	11686	12801	

Proposed 11342-13297: 52 zones, 63 net feet

Current Upper Wasatch 11699-13268: 93 zones, 145 net feet

RDL
3/6/89 (rev.)

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
NOV 06 1989
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER	5. LEASE DESIGNATION AND SERIAL NO.: 14-20-H62-1782
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uintah & Ouray Tribes
	7. UNIT AGREEMENT NAME: N/A
2. NAME OF OPERATOR: ANR Production Company	8. FARM OR LEASE NAME: Ute Jenks
3. ADDRESS OF OPERATOR: P. O. Box 749, Denver, Colorado 30201-0749	9. WELL NO.: 2-1B4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 500' FNL & 2330' FWL	10. FIELD AND POOL, OR WILDCAT: Altamont
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 1, T2S-R4W
14. PERMIT NO.: 43-013-31197	15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6231' GR
	12. COUNTY OR PARISH: Duchesne
	13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Evaluation of perfs			[X]
(Other)			[ ]	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached chronological report on evaluation of Wasatch perforations.

OIL AND GAS	
DJF	
GLH	
DTS	SLS
1-TAS	
2- MICROFILM	✓
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swan (Brenda W. Swan) TITLE Regulatory Analyst DATE November 1, 1989

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (BHP SURVEY, MUD REMOVAL)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH

8/9/89 Swb tst Wasatch zone. SICP 100#. RIH w/5-1/2" RBP on WL & set @ 11,880'. RIH w/5-1/2" pkr & SN on 2-7/8" tbg. Tag RBP @ 11,880'. Set pkr @ 11,870'. Press tst RBP to 1500#/15 mins. OK. Reset pkr @ 11,830'. Flush tbg w/60 BW. RU swbg equip. IFL @ 5200'. Swbd 7 runs. FFL @ 5800'. Rec'd 44 BW.
DC: $7,154 TC: $42,524

8/10/89 SI for press buildup. Tagged FL w/swb @ 6000'. Swbd 115 bbl/7 hr w/oil cut 2%. RIH w/tandem bombs & hung @ 11,830'.
DC: $1,807 TC: $44,331

8/11/89 Prep to retr BHP bombs. Running BHP survey.

8/14/89 Retr RBP. POOH w/BHP bombs. BHP = 1898#/88 hrs. POOH w/5-1/2" pkr on 2-7/8" tbg.
DC: $1,991 TC: $46,322

8/15/89 Fin RIH w/hyd pmp equip. RIH w/retr hd on 2-7/8" tbg to RBP @ 11,880'. Latch RBP. POOH w/retr hd & RBP on 2-7/8" tbg. STart RIH w/5-1/2" pkr & pmp cavity on 2-7/8" tbg.
DC: $3,442 TC: $49,764

8/16/89 Place well on hyd pmp prod. Fin RIH w/5-1/2" pkr & pmp cavity on 2-7/8" tbg. Set pkr @ 11,580'. Land tbg w/18,000#. ND BOPS. NU WH. Pmp 40 BW dwn tbg. RIH & seat SV. Circ csg clean w/70 BW. Press tst tbg to 4000#. OK. Hook up hy flow equip. Circ well on.
DC: $4,549 TC: $54,313

8/17/89 Place well on hyd pmp prod. Circ well overnight. Prep to drop pmp this a.m. RDSU.
DC: $964 TC: $55,277

8/18/89 287 BO, 185 BW, 355 MCF/17 hrs.

8/19/89 97 BO, 221 BW, 103 MCF.

8/20/89 65 BO, 321 BW, 106 MCF.

8/21/89 71 BO, 315 BW, 106 MCF.

8/22/89 54 BO, 293 BW, 130 MCF.

8/23/89 60 BO, 330 BW, 113 MCF.

8/24/89 54 BO, 314 BW, 106 MCF.

Before on hyd pmp avg'd: 49 BOPD, 212 BWPD, 99 MCFPD. Final report.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (BHP SURVEY, MUD REMOVAL)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 69.6114% ANR AFE: PENDING
TD: 15,372' MD
CSG: 5-1/2" LINER @ 9,552'-15,370'
PERFS: 11,699'-15,291' (WASATCH)
CWC(M$): $

7/21/89 Prep to POOH w/5-1/2" pkr. Move in rig. Too windy to RU.

7/24/89 RIH w/5-1/2" pkr. RU rig. Pmp 50 BW dwn tbg. ND WH. NU BOPS. Rel pkr. POOH w/5-1/2" pkr on 2-7/8" tbg. RIH w/RBP on WL & set @ 12,840'. RIH dump bailer & spot 1 sx sd on RBP.
DC: $6,383 TC: $6,383

7/25/89 Swab tst Wasatch interval. RIH w/5-1/2" pkr on 2-7/8" tbg & tag sd @ 12,837'. Set 5-1/2" pkr @ 12,798'. RU swb equip. IFL @ 6200'. Swbd 7 runs. Rec'd 22 BO, 35 BW. FFL @ 10,000'. Making good gas. 7/26/89: FL @ 7000'. SITP 400#/14 hrs.
DC: $2,372 TC: $8,755

7/26/89 Swab tst Wasatch interval. SITP 400#. IFL @ 7000'. Swbd 12 runs. Rec'd 12 BO, 40 BW, FFL @ 10,000'. Making good gas. Rel pkr. POOH w/5-1/2" pkr on 2-7/8" tbg. Start RIH w/5-1/2" pkr on 2-7/8" tbg.
DC: $2,548 TC: $11,303

7/27/89 Run BHP survey. Fin RIH w/5-1/2" pkr on 2-7/8" tbg. Set pkr @ 12,798'. RU swb equip. IFL @ 6200'. Swbd 22 runs. Swbd 28 BO, 75 BW. Making good quantity of gas. FFL @ 10,000'. RIH w/7 day 10,000# tandem BHP bombs to 12,800'.
DC: $2,500 TC: $13,803

7/28/89 SI for BHP buildup.

7/31/89 Prep to retr RBP. Pull BHP bombs. Rel pkr & POH w/tbg. RIH w/tbg & retr hd to 11,500'.
DC: $2,858 TC: $16,661

8/1/89 Prep to swb tst interval from 12,300'-12,100'. POH w/RBP. RIH & set RBP @ 12,300'. TIH w/pkr. Set @ 12,100'.
DC: $8,073 TC: $24,734

8/2/89 Cont to swb. Swb tst perf from 12,114'-12,284'. Tag fluid on 1st trip @ 6000'. Made 17 trips. Last trip FL @ 6500'. Avg inflow 14.25 BPH. 25-50% oil cut. Gassy.
DC: $2,177 TC: $26,911

8/3/89 WO press bombs. SITP 100 psi. Swb perfs from 12,114'-12,284'. Tag FL @ 5000' on 1st trip. Incr of 1500' overnight. Made 9 tot trips. Last trip FL @ 6500'. Swb 59 bbls. Avg 14.75 BPH. 25-80% oil cut. RIH w/press bombs & set @ 12,100'.
DC: $1,371 TC: $28,282

8/4/89 Prep to recover BHP bombs. Running BHP survey.

8/7/89 Fin POOH w/pkr & bombs. SITP 100#. Start POOH w/BHP bombs. Stock @ 11,700'. Pmpd 155 BW dwn csg & tbg. Bomb still stuck. Rel pkr. Drop cutter bar & cut line. Start POOH w/5-1/2" pkr on 2-7/8" tbg to 1751'.
DC: $2,543 TC: $30,825

8/8/89 Prep to set RBP @ 11,880'. SITP 100#. POOH w/5-1/2" pkr on 2-7/8" tbg from 1751'. Rec'd BHP bombs. BHP = 2030#/92 hrs. RIH w/retr hd on 2-7/8" tbg to RBP @ 12,300'. POOH w/RBP & retr hd.
DC: $4,545 TC: $35,370

Form 3160-5
December 1989

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-H62-1782
6. If Indian, Allottee or Tribe Name: Uintah & Ouray Tribes
7. If Unit or C.A. Agreement Designation: N/A
8. Well Name and No.: Ute Jenks #2-1B4
9. API Well No.: 43-013-31197
10. Field and Pool, or Exploratory Area: Altamont Field
11. County or Parish, State: Duchesne, Utah

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: ANR Production Company
3. Address and Telephone No.: P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 500' FNL & 2380' FWL (NENW) Section 1, T2S-R4W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Adding Upper Wasatch Perfs	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposed Procedures:

1) MIRU. Kill well & NU BOP. POOH w/production equipment.
2) Retrieve RBP @ 13,342' & POOH. CO to PBTD @ 15,100' using aerated water if necessary. Circ. hole w/filtered 3% KCl water.
3) Perf Wasatch w/3 SPF using 3-1/3" csg. gun per attached perf schedule.
4) Acidize Wasatch perfs 11,342-15,090' w/48,000 gals. 15% HCL + additives. Flow back acid if possible. If not, run production tubing and set blanking sleeve in pump cavity. Swab back acid until PH $\geq$ 5.0.
5) Pull blanking sleeve and circ. well 12 hours.
6) Drop pump and return well to production.

14. I hereby certify that the foregoing is true and correct
Signed: Eileen Danni Dey Title: Regulatory Analyst Date: 6-19-90
(This space for Federal or State office use)
Approved by: Title: Date:
Conditions of approval, if any:

OIL, GAS, AND MINING
DATE: 7-6-90
BY: John R. Baza

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UTE JENKS #2-1B4
SECTION 1, T2S-R4W
DUCHESNE COUNTY, UTAH

Additional UPPER WASATCH Perforation Schedule

(Reference: Schlumberger DIL dated 1-14-88)

11342	11521	11688	12807
11364	11554	11750	12811
11368	11556	11788	12819
11373	11563	12000	12954
11384	11580	12306	12959
11395	11587	12467	13109
11402	11617	12477	13126
11421	11627	12513	13131
11438	11632	12520	13138
11470	11642	12541	13212
11475	11655	12587	13223
11495	11663	12593	13254
11499	11670	12628	13291
11502	11675	12757	13295
11510	11680	12793	13297
11514	11686	12801	

Proposed 11342-13297: 52 zones, 63 net feet

Current Upper Wasatch 11699-13268: 93 zones, 145 net feet

RDL
3/6/89 (rev.)

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-H62-1782
6. If Indian, Allottee or Tribe Name: Uintah & Ouray Tribes
7. If Unit or CA, Agreement Designation: N/A
8. Well Name and No.: Ute Jenks #2-1B4
9. API Well No.: 43-013-31197
10. Field and Pool, or Exploratory Area: Altamont
11. County or Parish, State: Duchesne, Utah

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: ANR Production Company
3. Address and Telephone No.: P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 500' FNL & 2380' FWL Section 1, T2S-R4W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report ✓	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other ✓ Add perfs, acidize	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological report for adding perfs and acidizing the Wasatch formation in the above-referenced well.

OIL AND GAS
DFN RJF
JRB GLH
DTS SLS
1-DTS
2- MICROFILM ✓
2- FILE

14. I hereby certify that the foregoing is true and correct
Signed Eileen Danni Dey Title Regulatory Analyst Date August 8, 1990
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO, ADD PERFS, ACDZ) Pa
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 69.6114% ANR AFE: 63188
TD: 15,372' MD PBTD: 14,980' MD
CSG: 5-1/2" LINER @ 9,544'-15,367' MD
PROPSED ADD'L PERFS: 11,342'-14,924' (WASATCH)
CWC(M$): $200.9

7/5/90 Prep to clean off RBP. MIRU. ND WH. NU BOP's. POOH w/5-1/2" pkr & hyd pmp cavity. Start RIH w/4-1/2" mill, mud motor & BHA on 2-7/8" PH-6 tbg.
DC: $8,063 TC: $8,063

7/6-8/90 POOH w/BHA. Fin RIH w/4-1/2" mill. Tag fill @ 13,309'. CO fill. RIH w/retr tool & retr RBP @ 13,342'. RIH w/4-1/2" mill. CO 5-1/2" liner from 13,979' to 15,036'. Lost returns.
DC: $37,682 TC: $45,745

7/9/90 Prep to perf Wasatch. POOH w/4-1/2" mill & BHA. PU 2-7/8" prod tbg.
DC: $14,970 TC: $60,675

7/10/90 Continue to perf Wasatch. Perf Wasatch from 11,342'-13,366' (68 zones) w/3-1/8" csg guns, 3 SPF, 120° phasing. No press incr. Can't get csg guns past 13,391'.
DC: $2,142 TC: $62,817

7/11/90 Fin RIH w/5-1/2" pkr. Fin perf'g Wasatch from 13,391'-14,924' (28 zones) w/2-1/2" guns, 3 SPF, 0° phasing. No press incr. Acdz w/48,000 gals 15% HCl w/2200 - 1.1 B.S. & diverters. MTP 5000#, ATP 3000#, MIR 60 BPM, AIR 40 BPM, ISIP 3200#, 15 min 1000#. 2500 BLWTBR. Good ball action. Start RIH w/5-1/2" pkr.
DC: $111,347 TC: $174,164

7/12/90 Running prism log. Fin RIH w/5-1/2" pkr. RU swab equip. IFL @ 4100'. Swbd 30 BLW. Flwd 35 BO. Swbd 46 BO & 11 BLW. Turn well to trtr. 1377 BLWTBR.
DC: $421 TC: $174,585

7/13-14/90 Place well on prod. Ran prism log. POOH w/5-1/2" pkr. RIH w/5-1/2" pkr, cavity & hyd pmp BHA. Set pkr @ 11,173'. ND BOP's. NU WH. Set SV. Circ well clean. Drop hyd pmp.
DC: $25,188 TC: $199,773

7/13/90 Pmdp 92 BO, 150 BW, 77 MCF/12 hrs.

7/14/90 Pmpd 71 BO, 0 BW, 56 MCF/10 hrs.

7/15/90 Pmpd 130 BO, 206 BW, 293 MCF.

7/16/90 Pmpd 119 BO, 236 BW, 326 MCF.
DC: $18,228 TC: $218,001

7/17/90 Pmpd 130 BO, 230 BW, 344 MCF.

7/18/90 Pmpd 86 BO, 98 BW, 243 MCF/17 hrs. Down 7 hrs - bad pump.

7/19/90 Pmpd 65 BO, 74 BW, 243 MCF/12 hrs. Chng to 1.9" pump.

Before on hyd pmp avg'd: 18 BOPD, 153 BWPD, 81 MCFPD. Final report.

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 10 1990
DIVISION OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.: 14-20-H62-1782

6. If Indian, Allottee or Tribe Name: Uintah & Ouray Tribes

7. If Unit or CA, Agreement Designation: N/A

SUBMIT IN TRIPLICATE

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Ute Jenks #2-1B4

2. Name of Operator: ANR Production Company

9. API Well No.: 43-013-31197

3. Address and Telephone No.: P.O. Box 749, Denver, Colorado 30201-0749 (303) 573-4476

10. Field and Pool, or Exploratory Area: Altamont

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 500' FNL & 2380' FWL NE/NW
Section 1, T2S-R4W

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other Backfill & restore emergency flare pit	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company requests permission to backfill and restore the wellhead emergency flare pit on the above-referenced location.

OIL AND GAS	
DFN	RJF
JRB ✓	GLH
DTS	SLS
2- DTS	
3 - MICROFILM ✓	
4 - FILE	

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni Dey Title Regulatory Analyst Date August 31, 1990

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

9-12-90
John R. Baza

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

****
*   *
****
* SCHLUMBERGER *
****

DIRECTIONAL SURVEY

43-013-31197 NOW
Sec 1, T. 2S, R. 4W

COMPANY	:	ANR LIMITED INC.
WELL	:	UTE-JENKS #2-1B4
FIELD	:	ALTAMONT
COUNTRY	:	
RUN	:	ONE
DATE LOGGED	:	12 - DEC - 87
REFERENCE	:	FS3A.

SURVEY IS TIED-IN TO 3500 FEET AT 3500
SINGLE SHOT DATA FROM 10550 TO 11268

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*   *
****
* SCHLUMBERGER *
****

DIRECTIONAL SURVEY

COMPANY	:	ANR LIMITED INC.
WELL	:	UTE-JENKS #2-1B4
FIELD	:	ALTAMONT
COUNTRY	:	
RUN	:	ONE
DATE LOGGED	:	12 - DEC - 87
REFERENCE	:	FS3A.

SURVEY IS TIED-IN TO 3500 FEET AT 3500
SINGLE SHOT DATA FROM 10550 TO 11268

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
3500.0	0.0	0	3500.0	0.0	0.0	0.0
3508.0	0.0	79	3508.0	0.0	0.0	0.0
3510.0	0.0	79	3510.0	0.0	0.0	0.0
3520.0	0.1	99	3520.0	0.0	0.0	0.0
3530.0	0.2	106	3530.0	0.0	0.0	0.0
3540.0	0.2	74	3540.0	0.0	0.1	0.1
3550.0	0.2	63	3550.0	0.0	0.1	0.1
3560.0	0.2	35	3560.0	0.0	0.1	0.1
3570.0	0.2	37	3570.0	0.1	0.1	0.2
3580.0	0.2	66	3580.0	0.1	0.2	0.2
3590.0	0.2	70	3590.0	0.1	0.2	0.2
3600.0	0.2	56	3600.0	0.1	0.2	0.3
3610.0	0.2	83	3610.0	0.1	0.3	0.3
3620.0	0.2	78	3620.0	0.1	0.3	0.3
3630.0	0.2	121	3630.0	0.1	0.3	0.4
3640.0	0.2	167	3640.0	0.1	0.4	0.4
3650.0	0.2	206	3650.0	0.1	0.3	0.3
3660.0	0.2	203	3660.0	0.0	0.3	0.3
3670.0	0.2	211	3670.0	0.0	0.3	0.3
3680.0	0.2	227	3680.0	0.0	0.3	0.3
3690.0	0.2	234	3690.0	-0.1	0.3	0.3
3700.0	0.2	229	3700.0	-0.1	0.2	0.2
3710.0	0.2	225	3710.0	-0.1	0.2	0.2
3720.0	0.2	227	3720.0	-0.1	0.2	0.2
3730.0	0.2	234	3730.0	-0.2	0.1	0.2
3740.0	0.2	241	3740.0	-0.2	0.1	0.2
3750.0	0.2	243	3750.0	-0.2	0.1	0.2
3760.0	0.2	249	3760.0	-0.2	0.0	0.2
3770.0	0.2	244	3770.0	-0.2	0.0	0.2
3780.0	0.2	222	3780.0	-0.3	0.0	0.3
3790.0	0.2	233	3790.0	-0.3	0.0	0.3
3800.0	0.2	248	3800.0	-0.3	-0.1	0.3
3810.0	0.2	235	3810.0	-0.3	-0.1	0.3
3820.0	0.2	236	3820.0	-0.3	-0.1	0.4
3830.0	0.2	248	3830.0	-0.4	-0.2	0.4
3840.0	0.2	235	3840.0	-0.4	-0.2	0.4
3850.0	0.2	236	3850.0	-0.4	-0.2	0.4
3860.0	0.2	234	3860.0	-0.4	-0.3	0.5
3870.0	0.2	231	3870.0	-0.4	-0.3	0.5
3880.0	0.2	229	3880.0	-0.5	-0.3	0.6
3890.0	0.2	230	3890.0	-0.5	-0.3	0.6
3900.0	0.2	233	3900.0	-0.5	-0.4	0.6
3910.0	0.2	233	3910.0	-0.5	-0.4	0.7
3920.0	0.2	233	3920.0	-0.6	-0.4	0.7
3930.0	0.2	236	3930.0	-0.6	-0.5	0.8
3940.0	0.2	235	3940.0	-0.6	-0.5	0.8

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
3950.0	0.2	229	3950.0	-0.6	-0.5	0.8
3960.0	0.2	226	3960.0	-0.7	-0.6	0.9
3970.0	0.2	224	3970.0	-0.7	-0.6	0.9
3980.0	0.2	224	3980.0	-0.7	-0.6	0.9
3990.0	0.2	228	3990.0	-0.7	-0.6	0.9
4000.0	0.1	237	4000.0	-0.8	-0.7	1.0
4010.0	0.2	241	4010.0	-0.8	-0.7	1.0
4020.0	0.2	231	4020.0	-0.8	-0.7	1.0
4030.0	0.2	225	4030.0	-0.8	-0.7	1.1
4040.0	0.2	228	4040.0	-0.8	-0.7	1.1
4050.0	0.2	230	4050.0	-0.8	-0.8	1.1
4060.0	0.2	231	4060.0	-0.9	-0.8	1.2
4070.0	0.2	230	4070.0	-0.9	-0.8	1.2
4080.0	0.1	222	4080.0	-0.9	-0.8	1.2
4090.0	0.1	197	4090.0	-0.9	-0.9	1.3
4100.0	0.0	165	4100.0	-0.9	-0.9	1.3
4110.0	0.1	134	4110.0	-0.9	-0.9	1.3
4120.0	0.2	127	4120.0	-1.0	-0.8	1.3
4130.0	0.3	131	4130.0	-1.0	-0.8	1.3
4140.0	0.3	132	4140.0	-1.0	-0.8	1.3
4150.0	0.3	132	4150.0	-1.1	-0.7	1.3
4160.0	0.3	134	4160.0	-1.1	-0.7	1.3
4170.0	0.4	141	4170.0	-1.1	-0.6	1.3
4180.0	0.4	148	4180.0	-1.2	-0.6	1.4
4190.0	0.4	148	4190.0	-1.3	-0.6	1.4
4200.0	0.5	151	4200.0	-1.3	-0.5	1.4
4210.0	0.5	159	4210.0	-1.4	-0.5	1.5
4220.0	0.6	163	4220.0	-1.5	-0.5	1.6
4230.0	0.6	160	4230.0	-1.6	-0.4	1.7
4240.0	0.6	159	4240.0	-1.7	-0.4	1.7
4250.0	0.6	162	4250.0	-1.8	-0.4	1.8
4260.0	0.6	160	4260.0	-1.9	-0.3	1.9
4270.0	0.6	155	4270.0	-2.0	-0.3	2.0
4280.0	0.6	155	4280.0	-2.1	-0.2	2.1
4290.0	0.6	154	4290.0	-2.2	-0.2	2.2
4300.0	0.5	155	4300.0	-2.2	-0.2	2.2
4310.0	0.5	159	4310.0	-2.3	-0.1	2.3
4320.0	0.6	161	4320.0	-2.4	-0.1	2.4
4330.0	0.6	158	4330.0	-2.5	-0.1	2.5
4340.0	0.5	153	4340.0	-2.6	0.0	2.6
4350.0	0.5	149	4350.0	-2.7	0.0	2.7
4360.0	0.4	145	4360.0	-2.8	0.1	2.8
4370.0	0.4	143	4370.0	-2.8	0.1	2.8
4380.0	0.3	145	4380.0	-2.9	0.2	2.9
4390.0	0.2	150	4390.0	-2.9	0.2	2.9
4400.0	0.2	156	4400.0	-2.9	0.2	2.9
4410.0	0.2	162	4410.0	-3.0	0.2	3.0

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
4420.0	0.2	164	4420.0	-3.0	0.2	3.0
4430.0	0.2	153	4430.0	-3.1	0.2	3.1
4440.0	0.3	146	4440.0	-3.1	0.3	3.1
4450.0	0.3	144	4450.0	-3.1	0.3	3.1
4460.0	0.3	146	4460.0	-3.2	0.3	3.2
4470.0	0.3	146	4470.0	-3.2	0.4	3.2
4480.0	0.3	143	4480.0	-3.3	0.4	3.3
4490.0	0.3	144	4490.0	-3.3	0.4	3.3
4500.0	0.3	147	4500.0	-3.4	0.4	3.4
4510.0	0.3	150	4510.0	-3.4	0.5	3.4
4520.0	0.3	153	4520.0	-3.4	0.5	3.5
4530.0	0.3	153	4530.0	-3.5	0.5	3.5
4540.0	0.3	151	4540.0	-3.5	0.5	3.6
4550.0	0.3	148	4550.0	-3.6	0.6	3.6
4560.0	0.4	147	4560.0	-3.6	0.6	3.7
4570.0	0.4	150	4570.0	-3.7	0.6	3.7
4580.0	0.5	155	4580.0	-3.8	0.7	3.8
4590.0	0.6	162	4590.0	-3.9	0.7	3.9
4600.0	0.7	166	4600.0	-4.0	0.7	4.0
4610.0	0.7	166	4610.0	-4.1	0.8	4.2
4620.0	0.8	167	4620.0	-4.2	0.8	4.3
4630.0	0.8	166	4630.0	-4.4	0.8	4.4
4640.0	0.8	164	4640.0	-4.5	0.9	4.6
4650.0	0.8	167	4650.0	-4.6	0.9	4.7
4660.0	0.8	167	4660.0	-4.8	0.9	4.9
4670.0	0.8	166	4670.0	-4.9	1.0	5.0
4680.0	0.9	166	4680.0	-5.1	1.0	5.2
4690.0	0.9	163	4690.0	-5.2	1.1	5.3
4700.0	0.8	162	4700.0	-5.3	1.1	5.5
4710.0	0.8	168	4710.0	-5.5	1.1	5.6
4720.0	0.9	166	4720.0	-5.6	1.2	5.8
4730.0	0.9	165	4730.0	-5.8	1.2	5.9
4740.0	0.8	164	4740.0	-5.9	1.3	6.0
4750.0	0.8	166	4750.0	-6.1	1.3	6.2
4760.0	0.9	164	4760.0	-6.2	1.3	6.3
4770.0	0.9	161	4770.0	-6.3	1.4	6.5
4780.0	0.9	161	4780.0	-6.5	1.4	6.6
4790.0	0.8	160	4790.0	-6.6	1.5	6.8
4800.0	0.8	160	4800.0	-6.8	1.5	6.9
4810.0	0.8	160	4810.0	-6.9	1.6	7.1
4820.0	0.7	158	4820.0	-7.0	1.6	7.2
4830.0	0.8	158	4830.0	-7.1	1.7	7.3
4840.0	0.7	157	4840.0	-7.2	1.7	7.4
4850.0	0.7	157	4850.0	-7.4	1.8	7.6
4860.0	0.7	160	4860.0	-7.5	1.8	7.7
4870.0	0.7	161	4870.0	-7.6	1.8	7.8
4880.0	0.7	161	4880.0	-7.7	1.9	7.9

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
4890.0	0.6	161	4890.0	-7.8	1.9	8.1
4900.0	0.7	160	4900.0	-8.0	2.0	8.2
4910.0	0.7	157	4910.0	-8.1	2.0	8.3
4920.0	0.7	157	4920.0	-8.2	2.1	8.4
4930.0	0.7	158	4930.0	-8.3	2.1	8.6
4940.0	0.7	159	4940.0	-8.4	2.2	8.7
4950.0	0.7	159	4950.0	-8.5	2.2	8.8
4960.0	0.7	159	4960.0	-8.6	2.3	8.9
4970.0	0.7	160	4970.0	-8.8	2.3	9.1
4980.0	0.7	161	4980.0	-8.9	2.3	9.2
4990.0	0.8	161	4990.0	-9.0	2.4	9.3
5000.0	0.8	162	5000.0	-9.1	2.4	9.5
5010.0	0.8	165	5010.0	-9.3	2.5	9.6
5020.0	0.8	169	5019.9	-9.4	2.5	9.7
5030.0	0.8	169	5029.9	-9.6	2.5	9.9
5040.0	0.9	168	5039.9	-9.7	2.6	10.0
5050.0	0.8	162	5049.9	-9.8	2.6	10.2
5060.0	0.8	164	5059.9	-10.0	2.6	10.3
5070.0	0.8	167	5069.9	-10.1	2.7	10.5
5080.0	0.9	167	5079.9	-10.3	2.7	10.6
5090.0	0.9	163	5089.9	-10.4	2.8	10.8
5100.0	0.9	165	5099.9	-10.6	2.8	10.9
5110.0	0.8	160	5109.9	-10.7	2.8	11.1
5120.0	0.8	163	5119.9	-10.9	2.9	11.2
5130.0	0.8	163	5129.9	-11.0	2.9	11.4
5140.0	0.8	159	5139.9	-11.1	3.0	11.5
5150.0	0.8	157	5149.9	-11.3	3.0	11.7
5160.0	0.8	158	5159.9	-11.4	3.1	11.8
5170.0	0.8	162	5169.9	-11.5	3.1	11.9
5180.0	0.8	162	5179.9	-11.6	3.2	12.0
5190.0	0.8	157	5189.9	-11.8	3.2	12.2
5200.0	0.8	154	5199.9	-11.9	3.3	12.3
5210.0	0.7	151	5209.9	-12.0	3.3	12.4
5220.0	0.7	149	5219.9	-12.1	3.4	12.6
5230.0	0.6	152	5229.9	-12.2	3.4	12.7
5240.0	0.7	157	5239.9	-12.3	3.5	12.8
5250.0	0.7	158	5249.9	-12.4	3.5	12.9
5260.0	0.7	158	5259.9	-12.5	3.6	13.0
5270.0	0.7	155	5269.9	-12.6	3.6	13.1
5280.0	0.7	152	5279.9	-12.7	3.7	13.3
5290.0	0.7	150	5289.9	-12.9	3.7	13.4
5300.0	0.8	149	5299.9	-13.0	3.8	13.5
5310.0	0.8	149	5309.9	-13.1	3.9	13.6
5320.0	0.8	150	5319.9	-13.2	3.9	13.8
5330.0	0.7	151	5329.9	-13.3	4.0	13.9
5340.0	0.7	150	5339.9	-13.4	4.1	14.0
5350.0	0.7	149	5349.9	-13.5	4.1	14.2

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
5360.0	0.7	147	5359.9	-13.6	4.2	14.3
5370.0	0.6	143	5369.9	-13.7	4.3	14.4
5380.0	0.6	149	5379.9	-13.8	4.3	14.5
5390.0	0.7	159	5389.9	-13.9	4.4	14.6
5400.0	0.8	161	5399.9	-14.0	4.4	14.7
5410.0	0.8	153	5409.9	-14.2	4.5	14.9
5420.0	0.7	146	5419.9	-14.3	4.5	15.0
5430.0	0.6	148	5429.9	-14.4	4.6	15.1
5440.0	0.6	155	5439.9	-14.5	4.7	15.2
5450.0	0.7	159	5449.9	-14.6	4.7	15.3
5460.0	0.7	153	5459.9	-14.7	4.8	15.4
5470.0	0.8	150	5469.9	-14.8	4.8	15.6
5480.0	0.7	151	5479.9	-14.9	4.9	15.7
5490.0	0.7	158	5489.9	-15.0	4.9	15.8
5500.0	0.8	152	5499.9	-15.2	5.0	16.0
5510.0	0.8	148	5509.9	-15.3	5.1	16.1
5520.0	0.8	149	5519.9	-15.4	5.1	16.2
5530.0	0.7	149	5529.9	-15.5	5.2	16.3
5540.0	0.7	145	5539.9	-15.6	5.3	16.5
5550.0	0.6	145	5549.9	-15.7	5.3	16.6
5560.0	0.6	150	5559.9	-15.8	5.4	16.7
5570.0	0.6	153	5569.9	-15.9	5.4	16.8
5580.0	0.6	151	5579.9	-15.9	5.5	16.9
5590.0	0.6	146	5589.9	-16.0	5.5	17.0
5600.0	0.5	144	5599.9	-16.1	5.6	17.0
5610.0	0.5	147	5609.9	-16.2	5.6	17.1
5620.0	0.4	151	5619.9	-16.2	5.7	17.2
5630.0	0.4	159	5629.9	-16.3	5.7	17.3
5640.0	0.3	167	5639.9	-16.4	5.7	17.3
5650.0	0.3	160	5649.9	-16.4	5.7	17.4
5660.0	0.3	156	5659.9	-16.5	5.8	17.4
5670.0	0.3	160	5669.9	-16.5	5.8	17.5
5680.0	0.3	178	5679.9	-16.6	5.8	17.5
5690.0	0.3	200	5689.9	-16.6	5.8	17.6
5700.0	0.4	210	5699.9	-16.7	5.8	17.6
5710.0	0.6	208	5709.9	-16.8	5.7	17.7
5720.0	0.5	200	5719.9	-16.8	5.7	17.8
5730.0	0.6	205	5729.9	-16.9	5.6	17.8
5740.0	0.7	200	5739.9	-17.0	5.6	17.9
5750.0	0.8	193	5749.9	-17.2	5.6	18.0
5760.0	0.9	189	5759.9	-17.3	5.5	18.2
5770.0	0.8	188	5769.9	-17.5	5.5	18.3
5780.0	0.8	188	5779.9	-17.6	5.5	18.4
5790.0	0.7	189	5789.9	-17.7	5.5	18.6
5800.0	0.7	189	5799.9	-17.9	5.4	18.7
5810.0	0.6	188	5809.9	-18.0	5.4	18.8
5820.0	0.6	188	5819.9	-18.1	5.4	18.9

REF FS3A.

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
5830.0	0.7	189	5829.9	-18.2	5.4	19.0
5840.0	0.7	190	5839.9	-18.3	5.4	19.1
5850.0	0.6	191	5849.9	-18.4	5.4	19.2
5860.0	0.6	195	5859.9	-18.5	5.3	19.2
5870.0	0.6	197	5869.9	-18.6	5.3	19.3
5880.0	0.7	198	5879.9	-18.7	5.3	19.4
5890.0	0.8	198	5889.9	-18.8	5.2	19.5
5900.0	0.9	198	5899.9	-19.0	5.2	19.7
5910.0	0.9	198	5909.9	-19.1	5.1	19.8
5920.0	0.9	198	5919.9	-19.3	5.1	19.9
5930.0	0.9	196	5929.9	-19.4	5.1	20.1
5940.0	1.0	196	5939.9	-19.6	5.0	20.2
5950.0	1.0	197	5949.9	-19.7	5.0	20.4
5960.0	1.2	195	5959.9	-19.9	4.9	20.5
5970.0	1.3	189	5969.9	-20.1	4.9	20.7
5980.0	1.4	187	5979.9	-20.4	4.8	20.9
5990.0	1.5	188	5989.9	-20.6	4.8	21.2
6000.0	1.2	195	5999.9	-20.9	4.7	21.4
6010.0	1.0	200	6009.9	-21.0	4.7	21.6
6020.0	0.9	197	6019.9	-21.2	4.6	21.7
6030.0	0.9	188	6029.9	-21.4	4.6	21.8
6040.0	0.9	183	6039.9	-21.5	4.6	22.0
6050.0	0.9	185	6049.9	-21.7	4.6	22.1
6060.0	0.9	186	6059.9	-21.8	4.6	22.3
6070.0	0.9	183	6069.9	-22.0	4.5	22.4
6080.0	0.8	184	6079.9	-22.1	4.5	22.6
6090.0	0.7	187	6089.9	-22.2	4.5	22.7
6100.0	0.7	177	6099.9	-22.4	4.5	22.8
6110.0	0.6	169	6109.9	-22.5	4.5	22.9
6120.0	0.7	163	6119.9	-22.6	4.6	23.1
6130.0	0.8	170	6129.9	-22.7	4.6	23.2
6140.0	0.9	177	6139.9	-22.9	4.6	23.3
6150.0	0.8	180	6149.9	-23.0	4.6	23.5
6160.0	0.7	173	6159.9	-23.2	4.6	23.6
6170.0	0.8	160	6169.8	-23.3	4.7	23.8
6180.0	0.9	151	6179.8	-23.4	4.7	23.9
6190.0	1.0	149	6189.8	-23.6	4.8	24.1
6200.0	1.0	155	6199.8	-23.7	4.9	24.2
6210.0	1.0	161	6209.8	-23.9	5.0	24.4
6220.0	0.9	163	6219.8	-24.0	5.0	24.6
6230.0	0.8	168	6229.8	-24.2	5.0	24.7
6240.0	0.7	173	6239.8	-24.3	5.1	24.8
6250.0	0.8	177	6249.8	-24.4	5.1	25.0
6260.0	0.9	180	6259.8	-24.6	5.1	25.1
6270.0	0.9	181	6269.8	-24.7	5.1	25.3
6280.0	1.0	183	6279.8	-24.9	5.1	25.4
6290.0	1.0	186	6289.8	-25.1	5.1	25.6

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
6300.0	1.1	186	6299.8	-25.3	5.0	25.8
6310.0	1.1	184	6309.8	-25.4	5.0	25.9
6320.0	1.1	185	6319.8	-25.6	5.0	26.1
6330.0	1.1	186	6329.8	-25.8	5.0	26.3
6340.0	1.1	186	6339.8	-26.0	5.0	26.5
6350.0	1.1	184	6349.8	-26.2	4.9	26.7
6360.0	1.1	184	6359.8	-26.4	4.9	26.9
6370.0	1.2	185	6369.8	-26.6	4.9	27.1
6380.0	1.2	186	6379.8	-26.8	4.9	27.3
6390.0	1.2	187	6389.8	-27.0	4.9	27.5
6400.0	1.1	187	6399.8	-27.2	4.9	27.7
6410.0	1.1	183	6409.8	-27.4	4.8	27.9
6420.0	1.0	179	6419.8	-27.6	4.8	28.0
6430.0	1.1	176	6429.8	-27.8	4.8	28.2
6440.0	1.2	175	6439.8	-28.0	4.9	28.4
6450.0	1.3	170	6449.8	-28.2	4.9	28.6
6460.0	1.3	162	6459.8	-28.4	4.9	28.9
6470.0	1.2	157	6469.8	-28.6	5.0	29.1
6480.0	1.3	154	6479.8	-28.8	5.1	29.3
6490.0	1.4	150	6489.8	-29.1	5.2	29.5
6500.0	1.5	145	6499.8	-29.3	5.3	29.8
6510.0	1.6	141	6509.8	-29.5	5.5	30.0
6520.0	1.6	139	6519.8	-29.7	5.7	30.2
6530.0	1.6	138	6529.8	-29.9	5.9	30.5
6540.0	1.5	137	6539.8	-30.1	6.1	30.7
6550.0	1.2	134	6549.8	-30.3	6.2	30.9
6560.0	1.0	143	6559.8	-30.4	6.3	31.1
6570.0	1.0	154	6569.8	-30.6	6.4	31.2
6580.0	1.2	166	6579.8	-30.8	6.5	31.4
6590.0	1.3	167	6589.8	-31.0	6.5	31.7
6600.0	1.5	170	6599.8	-31.2	6.6	31.9
6610.0	1.5	170	6609.8	-31.5	6.6	32.2
6620.0	1.5	171	6619.8	-31.7	6.7	32.4
6630.0	1.6	172	6629.8	-32.0	6.7	32.7
6640.0	1.6	173	6639.7	-32.3	6.8	33.0
6650.0	1.7	174	6649.7	-32.6	6.8	33.3
6660.0	1.7	175	6659.7	-32.9	6.8	33.6
6670.0	1.8	175	6669.7	-33.2	6.9	33.9
6680.0	1.8	176	6679.7	-33.5	6.9	34.2
6690.0	1.8	176	6689.7	-33.8	6.9	34.5
6700.0	1.8	175	6699.7	-34.1	6.9	34.8
6710.0	1.8	174	6709.7	-34.4	7.0	35.1
6720.0	1.8	175	6719.7	-34.7	7.0	35.4
6730.0	2.0	176	6729.7	-35.1	7.0	35.7
6740.0	2.0	176	6739.7	-35.4	7.0	36.1
6750.0	2.0	176	6749.7	-35.8	7.1	36.4
6760.0	2.1	177	6759.7	-36.1	7.1	36.8

REF FS3A.

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
6770.0	2.2	178	6769.7	-36.5	7.1	37.2
6780.0	2.2	175	6779.7	-36.9	7.1	37.6
6790.0	2.2	176	6789.7	-37.3	7.1	37.9
6800.0	2.3	179	6799.7	-37.7	7.2	38.3
6810.0	2.4	178	6809.6	-38.1	7.2	38.7
6820.0	2.5	178	6819.6	-38.5	7.2	39.2
6830.0	2.5	178	6829.6	-38.9	7.2	39.6
6840.0	2.6	178	6839.6	-39.4	7.2	40.0
6850.0	2.6	178	6849.6	-39.8	7.2	40.5
960.0	2.7	178	6859.6	-40.3	7.2	40.9
370.0	2.7	178	6869.6	-40.8	7.3	41.4
6880.0	2.7	178	6879.6	-41.2	7.3	41.9
6890.0	2.7	179	6889.6	-41.7	7.3	42.3
6900.0	2.8	178	6899.6	-42.2	7.3	42.8
6910.0	2.8	178	6909.5	-42.7	7.3	43.3
6920.0	2.8	177	6919.5	-43.1	7.3	43.8
6930.0	2.9	177	6929.5	-43.6	7.4	44.3
6940.0	2.8	177	6939.5	-44.1	7.4	44.8
6950.0	2.9	179	6949.5	-44.6	7.4	45.2
6960.0	2.9	178	6959.5	-45.1	7.4	45.7
6970.0	2.9	178	6969.5	-45.6	7.4	46.2
6980.0	2.9	178	6979.5	-46.1	7.5	46.7
6990.0	2.9	179	6989.4	-46.6	7.5	47.2
7000.0	3.0	180	6999.4	-47.2	7.5	47.7
7010.0	3.0	180	7009.4	-47.7	7.5	48.3
7020.0	3.1	181	7019.4	-48.2	7.5	48.8
7030.0	3.2	182	7029.4	-48.7	7.5	49.3
7040.0	3.3	183	7039.4	-49.3	7.4	49.9
7050.0	3.3	183	7049.4	-49.9	7.4	50.4
7060.0	3.4	183	7059.3	-50.5	7.4	51.0
7070.0	3.5	184	7069.3	-51.1	7.3	51.6
7080.0	3.5	184	7079.3	-51.7	7.3	52.2
090.0	3.5	185	7089.3	-52.3	7.2	52.8
7100.0	3.4	186	7099.3	-52.9	7.2	53.4
7110.0	3.4	187	7109.2	-53.5	7.1	53.9
7120.0	3.4	187	7119.2	-54.1	7.0	54.5
7130.0	3.5	188	7129.2	-54.6	7.0	55.1
7140.0	3.5	188	7139.2	-55.2	6.9	55.7
7150.0	3.4	188	7149.2	-55.8	6.8	56.3
7160.0	3.4	189	7159.2	-56.4	6.7	56.8
7170.0	3.4	189	7169.1	-57.0	6.6	57.4
7180.0	3.4	190	7179.1	-57.6	6.5	58.0
7190.0	3.4	191	7189.1	-58.2	6.4	58.5
7200.0	3.3	193	7199.1	-58.8	6.3	59.1
7210.0	3.3	192	7209.1	-59.3	6.2	59.6
7220.0	3.3	192	7219.1	-59.9	6.0	60.2
7230.0	3.2	193	7229.0	-60.4	5.9	60.7

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
7240.0	3.3	193	7239.0	-61.0	5.8	61.3
7250.0	3.3	193	7249.0	-61.5	5.7	61.8
7260.0	3.3	193	7259.0	-62.1	5.5	62.4
7270.0	3.3	194	7269.0	-62.7	5.4	62.9
7280.0	3.2	194	7279.0	-63.2	5.3	63.4
7290.0	3.2	194	7288.9	-63.8	5.1	64.0
7300.0	3.2	194	7298.9	-64.3	5.0	64.5
7310.0	3.1	195	7308.9	-64.8	4.9	65.0
7320.0	3.0	194	7318.9	-65.3	4.7	65.5
330.0	3.0	194	7328.9	-65.8	4.6	66.0
340.0	2.9	194	7338.9	-66.3	4.5	66.5
7350.0	2.9	193	7348.9	-66.8	4.4	67.0
7360.0	2.9	193	7358.8	-67.3	4.2	67.5
7370.0	2.8	193	7368.8	-67.8	4.1	67.9
7380.0	2.8	192	7378.8	-68.3	4.0	68.4
7390.0	2.6	193	7388.8	-68.8	3.9	68.9
7400.0	2.7	192	7398.8	-69.2	3.8	69.3
7410.0	2.7	190	7408.8	-69.7	3.7	69.8
7420.0	2.8	191	7418.8	-70.2	3.6	70.3
7430.0	2.8	192	7428.8	-70.7	3.5	70.7
7440.0	2.8	191	7438.7	-71.1	3.4	71.2
7450.0	2.8	192	7448.7	-71.6	3.3	71.7
7460.0	2.8	192	7458.7	-72.1	3.2	72.2
7470.0	2.8	192	7468.7	-72.6	3.1	72.6
7480.0	2.8	192	7478.7	-73.0	3.0	73.1
7490.0	2.8	192	7488.7	-73.5	2.9	73.6
7500.0	2.7	191	7498.7	-74.0	2.8	74.1
7510.0	2.8	192	7508.7	-74.5	2.7	74.5
7520.0	2.7	194	7518.7	-74.9	2.6	75.0
7530.0	2.7	194	7528.6	-75.4	2.5	75.4
7540.0	2.7	193	7538.6	-75.9	2.4	75.9
7550.0	2.8	192	7548.6	-76.3	2.3	76.4
560.0	2.8	192	7558.6	-76.8	2.2	76.8
7570.0	2.8	193	7568.6	-77.3	2.1	77.3
7580.0	2.7	193	7578.6	-77.7	2.0	77.8
7590.0	2.7	191	7588.6	-78.2	1.9	78.2
7600.0	2.9	190	7598.6	-78.7	1.8	78.7
7610.0	3.0	191	7608.5	-79.2	1.7	79.2
7620.0	3.1	192	7618.5	-79.7	1.6	79.7
7630.0	3.0	192	7628.5	-80.2	1.5	80.2
7640.0	3.0	191	7638.5	-80.7	1.4	80.7
7650.0	3.0	192	7648.5	-81.2	1.3	81.2
7660.0	3.0	192	7658.5	-81.7	1.2	81.8
7670.0	2.9	192	7668.5	-82.2	1.1	82.3
7680.0	2.9	193	7678.5	-82.7	1.0	82.8
7690.0	2.9	192	7688.4	-83.2	0.8	83.2
7700.0	3.0	191	7698.4	-83.7	0.7	83.7

REF FS3A.

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
7710.0	3.0	192	7708.4	-84.3	0.6	84.3
7720.0	2.9	193	7718.4	-84.8	0.5	84.8
7730.0	2.7	192	7728.4	-85.2	0.4	85.2
7740.0	2.6	191	7738.4	-85.7	0.3	85.7
7750.0	2.7	190	7748.4	-86.1	0.2	86.1
7760.0	2.9	190	7758.4	-86.6	0.2	86.6
7770.0	3.0	191	7768.3	-87.1	0.1	87.1
7780.0	3.0	192	7778.3	-87.6	0.0	87.6
7790.0	2.9	193	7788.3	-88.1	-0.1	88.1
7800.0	2.6	190	7798.3	-88.6	-0.2	88.6
7810.0	2.6	190	7808.3	-89.1	-0.3	89.1
7820.0	2.8	188	7818.3	-89.5	-0.4	89.5
7830.0	3.0	189	7828.3	-90.0	-0.5	90.0
7840.0	3.0	190	7838.3	-90.5	-0.6	90.5
7850.0	3.0	189	7848.2	-91.1	-0.6	91.1
7860.0	3.0	190	7858.2	-91.6	-0.7	91.6
7870.0	3.0	190	7868.2	-92.1	-0.8	92.1
7880.0	2.9	189	7878.2	-92.6	-0.9	92.6
7890.0	3.0	188	7888.2	-93.1	-1.0	93.1
7900.0	3.0	189	7898.2	-93.6	-1.1	93.6
7910.0	2.9	190	7908.2	-94.1	-1.1	94.1
7920.0	2.9	190	7918.1	-94.6	-1.2	94.6
7930.0	2.9	189	7928.1	-95.1	-1.3	95.1
7940.0	2.9	189	7938.1	-95.6	-1.4	95.6
7950.0	2.8	188	7948.1	-96.1	-1.5	96.1
7960.0	2.8	187	7958.1	-96.6	-1.5	96.6
7970.0	2.8	188	7968.1	-97.1	-1.6	97.1
7980.0	2.7	187	7978.1	-97.5	-1.7	97.6
7990.0	2.5	182	7988.1	-98.0	-1.7	98.0
8000.0	2.7	180	7998.1	-98.5	-1.7	98.5
8010.0	2.7	182	8008.0	-98.9	-1.7	98.9
8020.0	2.5	180	8018.0	-99.4	-1.7	99.4
8030.0	2.6	186	8028.0	-99.8	-1.8	99.9
8040.0	2.9	185	8038.0	-100.3	-1.8	100.3
8050.0	2.8	184	8048.0	-100.8	-1.8	100.8
8060.0	2.9	181	8058.0	-101.3	-1.9	101.3
8070.0	2.3	183	8068.0	-101.8	-1.9	101.8
8080.0	1.9	183	8078.0	-102.1	-1.9	102.2
8090.0	1.7	181	8088.0	-102.4	-1.9	102.5
8100.0	1.7	180	8098.0	-102.7	-1.9	102.8
8110.0	1.8	183	8108.0	-103.0	-1.9	103.1
8120.0	1.5	185	8118.0	-103.3	-1.9	103.4
8130.0	1.7	184	8127.9	-103.6	-2.0	103.6
8140.0	2.3	180	8137.9	-104.0	-2.0	104.0
8150.0	2.5	178	8147.9	-104.4	-2.0	104.4
8160.0	2.2	182	8157.9	-104.8	-2.0	104.8
8170.0	1.9	184	8167.9	-105.1	-2.0	105.2

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
8180.0	2.1	182	8177.9	-105.5	-2.0	105.5
8190.0	2.4	179	8187.9	-105.9	-2.0	105.9
8200.0	2.5	179	8197.9	-106.3	-2.0	106.3
8210.0	2.2	183	8207.9	-106.7	-2.0	106.7
8220.0	2.2	183	8217.9	-107.1	-2.0	107.1
8230.0	2.4	180	8227.9	-107.5	-2.0	107.5
8240.0	2.5	179	8237.9	-107.9	-2.0	108.0
8250.0	2.5	179	8247.9	-108.4	-2.0	108.4
8260.0	2.4	180	8257.8	-108.8	-2.0	108.8
270.0	2.3	180	8267.8	-109.2	-2.0	109.2
280.0	2.4	179	8277.8	-109.6	-2.0	109.7
8290.0	2.3	178	8287.8	-110.1	-2.0	110.1
8300.0	1.7	175	8297.8	-110.4	-2.0	110.4
8310.0	1.9	175	8307.8	-110.7	-2.0	110.8
8320.0	2.5	174	8317.8	-111.1	-1.9	111.1
8330.0	2.5	175	8327.8	-111.5	-1.9	111.6
8340.0	2.0	175	8337.8	-111.9	-1.9	111.9
8350.0	1.8	174	8347.8	-112.3	-1.8	112.3
8360.0	2.2	174	8357.8	-112.6	-1.8	112.6
8370.0	2.5	175	8367.8	-113.0	-1.8	113.0
8380.0	2.2	176	8377.8	-113.4	-1.7	113.4
8390.0	2.4	175	8387.7	-113.8	-1.7	113.8
8400.0	2.7	173	8397.7	-114.3	-1.6	114.3
8410.0	2.5	176	8407.7	-114.7	-1.6	114.7
8420.0	2.1	175	8417.7	-115.1	-1.6	115.1
8430.0	2.6	171	8427.7	-115.5	-1.5	115.5
8440.0	2.7	171	8437.7	-116.0	-1.4	116.0
8450.0	2.4	174	8447.7	-116.4	-1.4	116.4
8460.0	2.2	174	8457.7	-116.8	-1.3	116.8
8470.0	2.4	174	8467.7	-117.2	-1.3	117.2
8480.0	2.4	174	8477.7	-117.6	-1.3	117.6
8490.0	2.3	175	8487.7	-118.0	-1.2	118.0
8500.0	2.0	174	8497.6	-118.4	-1.2	118.4
8510.0	2.2	173	8507.6	-118.8	-1.1	118.8
8520.0	2.2	173	8517.6	-119.2	-1.1	119.2
8530.0	2.0	171	8527.6	-119.5	-1.0	119.5
8540.0	1.8	170	8537.6	-119.9	-1.0	119.9
8550.0	2.0	171	8547.6	-120.2	-0.9	120.2
8560.0	2.3	172	8557.6	-120.5	-0.9	120.6
8570.0	2.4	173	8567.6	-121.0	-0.8	121.0
8580.0	2.2	175	8577.6	-121.3	-0.8	121.3
8590.0	2.3	176	8587.6	-121.7	-0.8	121.7
8600.0	2.7	175	8597.6	-122.2	-0.7	122.2
8610.0	2.4	175	8607.6	-122.6	-0.7	122.6
8620.0	2.2	174	8617.6	-123.0	-0.6	123.0
8630.0	2.6	175	8627.5	-123.4	-0.6	123.4
8640.0	2.8	175	8637.5	-123.9	-0.6	123.9

REF FS3A.

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
8650.0	2.8	176	8647.5	-124.4	-0.5	124.4
8660.0	2.6	178	8657.5	-124.8	-0.5	124.9
8670.0	2.1	178	8667.5	-125.3	-0.5	125.3
8680.0	2.1	178	8677.5	-125.6	-0.5	125.6
8690.0	2.2	179	8687.5	-126.0	-0.5	126.0
8700.0	2.0	179	8697.5	-126.4	-0.5	126.4
8710.0	2.2	178	8707.5	-126.7	-0.4	126.7
8720.0	2.1	179	8717.5	-127.1	-0.4	127.1
8730.0	1.7	179	8727.5	-127.4	-0.4	127.4
740.0	1.6	178	8737.5	-127.7	-0.4	127.7
750.0	2.0	179	8747.5	-128.0	-0.4	128.0
8760.0	2.1	180	8757.4	-128.4	-0.4	128.4
8770.0	2.0	180	8767.4	-128.7	-0.4	128.7
8780.0	2.0	179	8777.4	-129.1	-0.4	129.1
8790.0	2.0	178	8787.4	-129.4	-0.4	129.4
8800.0	1.8	176	8797.4	-129.8	-0.4	129.8
8810.0	1.6	175	8807.4	-130.1	-0.4	130.1
8820.0	2.0	175	8817.4	-130.4	-0.3	130.4
8830.0	2.2	175	8827.4	-130.7	-0.3	130.7
8840.0	1.6	174	8837.4	-131.1	-0.3	131.1
8850.0	1.4	176	8847.4	-131.3	-0.3	131.3
8860.0	1.2	175	8857.4	-131.6	-0.2	131.6
8870.0	1.8	178	8867.4	-131.8	-0.2	131.8
8880.0	2.4	174	8877.4	-132.2	-0.2	132.2
8890.0	2.2	177	8887.4	-132.6	-0.2	132.6
8900.0	1.8	176	8897.4	-132.9	-0.1	132.9
8910.0	2.2	175	8907.4	-133.3	-0.1	133.3
8920.0	2.3	174	8917.4	-133.6	-0.1	133.6
8930.0	2.1	175	8927.4	-134.0	0.0	134.0
8940.0	1.9	175	8937.3	-134.4	0.0	134.4
8950.0	1.8	175	8947.3	-134.7	0.0	134.7
8960.0	2.0	174	8957.3	-135.0	0.0	135.0
8970.0	2.1	173	8967.3	-135.4	0.1	135.4
8980.0	2.1	173	8977.3	-135.8	0.1	135.8
8990.0	2.0	172	8987.3	-136.1	0.2	136.1
9000.0	2.0	173	8997.3	-136.5	0.2	136.5
9010.0	2.1	172	9007.3	-136.8	0.3	136.8
9020.0	2.2	170	9017.3	-137.2	0.3	137.2
9030.0	1.7	171	9027.3	-137.5	0.4	137.5
9040.0	1.6	169	9037.3	-137.8	0.4	137.8
9050.0	2.2	170	9047.3	-138.1	0.5	138.1
9060.0	2.0	172	9057.3	-138.5	0.6	138.5
9070.0	1.4	168	9067.3	-138.8	0.6	138.8
9080.0	2.1	169	9077.3	-139.1	0.7	139.1
9090.0	1.4	165	9087.3	-139.4	0.7	139.4
9100.0	1.2	161	9097.3	-139.6	0.8	139.6
9110.0	2.0	167	9107.3	-139.9	0.9	139.9

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
9120.0	2.1	168	9117.2	-140.2	0.9	140.2
9130.0	2.0	170	9127.2	-140.6	1.0	140.6
9140.0	2.0	169	9137.2	-140.9	1.1	140.9
9150.0	1.7	167	9147.2	-141.2	1.1	141.2
9160.0	1.6	166	9157.2	-141.5	1.2	141.5
9170.0	1.9	168	9167.2	-141.8	1.3	141.8
9180.0	2.1	169	9177.2	-142.2	1.3	142.2
9190.0	2.1	167	9187.2	-142.5	1.4	142.5
9200.0	2.2	165	9197.2	-142.9	1.5	142.9
210.0	2.3	169	9207.2	-143.3	1.6	143.3
220.0	2.1	170	9217.2	-143.6	1.7	143.6
9230.0	2.1	170	9227.2	-144.0	1.7	144.0
9240.0	2.2	169	9237.2	-144.4	1.8	144.4
9250.0	2.2	170	9247.2	-144.7	1.9	144.8
9260.0	2.1	171	9257.2	-145.1	1.9	145.1
9270.0	1.9	172	9267.2	-145.5	2.0	145.5
9280.0	1.8	171	9277.1	-145.8	2.0	145.8
9290.0	2.0	172	9287.1	-146.1	2.1	146.1
9300.0	2.5	166	9297.1	-146.5	2.1	146.5
9310.0	2.7	157	9307.1	-146.9	2.3	146.9
9320.0	2.5	152	9317.1	-147.3	2.5	147.3
9330.0	1.6	142	9327.1	-147.6	2.7	147.6
9340.0	1.0	149	9337.1	-147.8	2.8	147.8
9350.0	1.1	164	9347.1	-148.0	2.9	148.0
9360.0	1.4	174	9357.1	-148.2	2.9	148.2
9370.0	1.6	176	9367.1	-148.4	2.9	148.5
9380.0	2.2	169	9377.1	-148.8	3.0	148.8
9390.0	2.3	155	9387.1	-149.1	3.1	149.2
9400.0	1.5	150	9397.1	-149.4	3.2	149.5
9410.0	1.2	163	9407.1	-149.7	3.3	149.7
9420.0	1.7	174	9417.1	-149.9	3.4	149.9
9430.0	2.0	173	9427.1	-150.2	3.4	150.3
9440.0	1.9	167	9437.1	-150.6	3.5	150.6
9450.0	2.1	153	9447.1	-150.9	3.6	150.9
9460.0	1.9	158	9457.0	-151.2	3.7	151.3
9470.0	2.1	164	9467.0	-151.5	3.9	151.6
9480.0	2.2	162	9477.0	-151.9	4.0	151.9
9490.0	2.1	151	9487.0	-152.2	4.1	152.3
9500.0	1.9	162	9497.0	-152.5	4.2	152.6
9510.0	1.9	163	9507.0	-152.9	4.3	152.9
9520.0	2.1	160	9517.0	-153.2	4.5	153.3
9530.0	2.2	161	9527.0	-153.5	4.6	153.6
9540.0	2.5	161	9537.0	-153.9	4.7	154.0
9550.0	2.5	160	9547.0	-154.3	4.9	154.4
9560.0	2.3	160	9557.0	-154.7	5.0	154.8
9570.0	2.3	170	9567.0	-155.1	5.1	155.2
9580.0	2.4	181	9577.0	-155.5	5.1	155.6

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
9590.0	2.5	185	9587.0	-156.0	5.1	156.0
9600.0	2.8	188	9596.9	-156.4	5.1	156.5
9610.0	3.2	189	9606.9	-156.9	5.0	157.0
9620.0	3.6	189	9616.9	-157.5	4.9	157.6
9630.0	4.0	189	9626.9	-158.2	4.8	158.2
9640.0	4.4	191	9636.9	-158.9	4.7	159.0
9650.0	4.9	193	9646.8	-159.7	4.5	159.8
9660.0	5.3	195	9656.8	-160.6	4.3	160.6
9670.0	5.7	197	9666.7	-161.5	4.0	161.5
680.0	6.2	198	9676.7	-162.5	3.7	162.5
690.0	6.6	197	9686.6	-163.5	3.4	163.6
9700.0	6.8	198	9696.6	-164.6	3.0	164.7
9710.0	7.0	198	9706.5	-165.8	2.7	165.8
9720.0	7.3	199	9716.4	-167.0	2.3	167.0
9730.0	7.5	199	9726.3	-168.2	1.8	168.2
9740.0	7.8	202	9736.2	-169.4	1.4	169.4
9750.0	8.0	201	9746.1	-170.7	0.9	170.7
9760.0	8.5	201	9756.0	-172.1	0.4	172.1
9770.0	8.9	200	9765.9	-173.5	-0.2	173.5
9780.0	9.3	200	9775.8	-175.0	-0.7	175.0
9790.0	9.7	202	9785.7	-176.5	-1.3	176.5
9800.0	9.9	202	9795.5	-178.1	-2.0	178.1
9810.0	10.0	204	9805.4	-179.7	-2.6	179.7
9820.0	9.9	204	9815.2	-181.3	-3.3	181.3
9830.0	9.9	204	9825.1	-182.8	-4.0	182.9
9840.0	10.1	205	9834.9	-184.4	-4.8	184.5
9850.0	10.2	206	9844.7	-186.0	-5.5	186.1
9860.0	10.3	207	9854.6	-187.6	-6.3	187.7
9870.0	10.7	207	9864.4	-189.2	-7.2	189.3
9880.0	11.1	207	9874.2	-190.9	-8.0	191.1
9890.0	11.5	206	9884.0	-192.6	-8.9	192.8
9900.0	11.9	206	9893.8	-194.5	-9.8	194.7
9910.0	12.3	205	9903.6	-196.4	-10.7	196.6
9920.0	12.4	207	9913.4	-198.3	-11.6	198.6
9930.0	12.8	205	9923.1	-200.2	-12.6	200.6
9940.0	13.2	205	9932.9	-202.3	-13.5	202.7
9950.0	13.3	206	9942.6	-204.4	-14.5	204.9
9960.0	13.6	206	9952.3	-206.5	-15.5	207.0
9970.0	14.1	205	9962.1	-208.6	-16.6	209.3
9980.0	14.6	205	9971.7	-210.9	-17.6	211.6
9990.0	15.0	205	9981.4	-213.2	-18.7	214.0
10000.0	15.4	205	9991.1	-215.6	-19.8	216.5
10010.0	15.9	205	10000.7	-218.0	-20.9	219.0
10020.0	16.4	205	10010.3	-220.5	-22.1	221.6
10030.0	16.8	204	10019.9	-223.2	-23.3	224.4
10040.0	17.2	204	10029.4	-225.8	-24.5	227.2
10050.0	17.7	203	10039.0	-228.6	-25.6	230.0

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
10060.0	18.1	202	10048.5	-231.4	-26.8	233.0
10070.0	18.3	202	10058.0	-234.3	-28.0	236.0
10080.0	18.8	202	10067.5	-237.3	-29.2	239.1
10090.0	19.3	201	10076.9	-240.3	-30.4	242.2
10100.0	19.6	201	10086.3	-243.4	-31.6	245.5
10110.0	19.9	201	10095.8	-246.6	-32.8	248.7
10120.0	20.2	199	10105.2	-249.8	-34.0	252.1
10130.0	20.5	200	10114.5	-253.1	-35.1	255.5
10140.0	20.7	200	10123.9	-256.4	-36.3	258.9
150.0	20.9	200	10133.2	-259.7	-37.5	262.4
160.0	21.0	199	10142.6	-263.1	-38.7	265.9
10170.0	21.2	199	10151.9	-266.5	-39.9	269.5
10180.0	21.4	199	10161.2	-269.9	-41.1	273.0
10190.0	21.6	199	10170.5	-273.4	-42.2	276.6
10200.0	21.7	198	10179.8	-276.9	-43.4	280.3
10210.0	21.8	198	10189.1	-280.4	-44.6	283.9
10220.0	21.9	198	10198.4	-283.9	-45.7	287.6
10230.0	21.9	198	10207.7	-287.5	-46.9	291.3
10240.0	21.9	198	10217.0	-291.0	-48.0	295.0
10250.0	21.9	196	10226.2	-294.6	-49.1	298.7
10260.0	22.0	198	10235.5	-298.2	-50.2	302.4
10270.0	21.9	198	10244.8	-301.7	-51.4	306.1
10280.0	21.8	197	10254.1	-305.3	-52.5	309.8
10290.0	21.9	196	10263.3	-308.8	-53.5	313.5
10300.0	22.0	195	10272.6	-312.4	-54.5	317.2
10310.0	22.6	196	10281.9	-316.1	-55.6	320.9
10320.0	23.1	196	10291.1	-319.8	-56.6	324.8
10330.0	23.5	196	10300.3	-323.6	-57.7	328.7
10340.0	23.3	198	10309.5	-327.4	-58.9	332.7
10350.0	23.2	198	10318.6	-331.2	-60.1	336.6
10360.0	22.6	192	10327.9	-334.9	-61.1	340.5
10370.0	22.5	187	10337.1	-338.7	-61.7	344.3
10380.0	23.4	188	10346.3	-342.6	-62.3	348.2
10390.0	24.2	190	10355.4	-346.6	-62.9	352.2
10400.0	24.0	189	10364.6	-350.6	-63.5	356.3
10410.0	23.2	187	10373.7	-354.6	-64.1	360.3
10420.0	23.6	187	10382.9	-358.5	-64.6	364.3
10430.0	24.5	190	10392.0	-362.5	-65.2	368.3
10440.0	24.5	189	10401.1	-366.6	-65.9	372.5
10450.0	24.9	188	10410.2	-370.7	-66.5	376.7
10460.0	25.9	190	10419.3	-375.0	-67.2	380.9
10470.0	26.3	191	10428.3	-379.3	-68.0	385.3
10480.0	26.7	193	10437.2	-383.7	-68.9	389.8
10490.0	27.0	197	10446.1	-388.0	-70.0	394.3
10500.0	27.1	192	10455.0	-392.4	-71.1	398.8
10510.0	27.2	189	10463.9	-396.9	-72.0	403.4
10520.0	27.2	190	10472.8	-401.4	-72.7	408.0

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
10530.0	28.8	197	10481.7	-406.0	-73.9	412.6
10540.0	29.0	200	10490.4	-410.6	-75.4	417.4
10550.0	28.9	199	10499.2	-415.1	-77.0	422.2
10560.0	29.7	200	10507.8	-419.8	-78.7	427.1
10570.0	30.6	200	10516.5	-424.5	-80.4	432.1
10580.0	31.4	200	10525.1	-429.3	-82.1	437.1
10590.0	31.7	200	10533.6	-434.2	-84.0	442.3
10600.0	32.0	200	10542.1	-439.2	-85.8	447.5
10610.0	32.3	200	10550.6	-444.1	-87.6	452.7
620.0	32.5	200	10559.0	-449.2	-89.5	458.0
630.0	32.7	200	10567.4	-454.2	-91.4	463.3
10640.0	33.0	200	10575.8	-459.3	-93.2	468.7
10650.0	33.3	200	10584.2	-464.5	-95.1	474.1
10660.0	33.6	200	10592.5	-469.7	-97.0	479.6
10670.0	33.9	200	10600.9	-474.8	-98.9	485.0
10680.0	34.3	200	10609.1	-480.1	-100.9	490.6
10690.0	34.6	200	10617.4	-485.5	-102.8	496.2
10700.0	35.0	200	10625.6	-490.8	-104.7	501.9
10710.0	35.3	200	10633.8	-496.2	-106.7	507.6
10720.0	35.6	200	10641.9	-501.7	-108.7	513.3
10730.0	35.9	200	10650.0	-507.1	-110.7	519.1
10740.0	36.1	200	10658.1	-512.7	-112.7	524.9
10750.0	36.2	200	10666.2	-518.2	-114.7	530.8
10760.0	36.4	200	10674.3	-523.8	-116.7	536.6
10770.0	36.5	200	10682.3	-529.4	-118.7	542.5
10780.0	36.7	200	10690.3	-535.0	-120.7	548.5
10790.0	36.8	200	10698.4	-540.6	-122.7	554.4
10800.0	37.3	200	10706.3	-546.4	-124.8	560.4
10810.0	37.7	200	10714.2	-552.1	-126.8	566.5
10820.0	38.2	200	10722.2	-557.8	-128.9	572.5
10830.0	38.7	200	10729.9	-563.7	-131.0	578.8
0840.0	39.2	200	10737.7	-569.7	-133.1	585.0
0850.0	39.8	200	10745.5	-575.6	-135.2	591.3
10860.0	40.4	200	10753.1	-581.7	-137.4	597.7
10870.0	40.9	200	10760.6	-587.9	-139.6	604.2
10880.0	41.5	200	10768.2	-594.0	-141.8	610.7
10890.0	42.0	200	10775.6	-600.3	-144.0	617.4
10900.0	42.5	199	10783.0	-606.7	-146.2	624.1
10910.0	43.0	199	10790.4	-613.1	-148.5	630.8
10920.0	43.4	199	10797.7	-619.5	-150.7	637.6
10930.0	43.8	199	10804.9	-626.1	-153.0	644.5
10940.0	44.1	198	10812.2	-632.6	-155.2	651.4
10950.0	44.4	198	10819.3	-639.2	-157.4	658.3
10960.0	44.6	198	10826.4	-645.9	-159.5	665.3
10970.0	44.9	197	10833.6	-652.6	-161.7	672.3
10980.0	45.1	197	10840.6	-659.4	-163.8	679.4
10990.0	45.4	197	10847.6	-666.2	-165.8	686.5

MEAS. DEPTH FT	DEVIATION DEGREES	AZIMUTH DEGREES	TRUE VERTICAL DEPTH FT	CO-ORDINATES + NORTH - SOUTH	CO-ORDINATES + EAST - WEST	COURSE LENGTH FT
11000.0	45.7	197	10854.7	-673.0	-167.9	693.6
11010.0	46.0	196	10861.6	-679.8	-170.0	700.8
11020.0	46.3	196	10868.5	-686.8	-172.0	708.0
11030.0	46.6	196	10875.4	-693.7	-174.0	715.2
11040.0	46.9	196	10882.3	-700.7	-176.0	722.5
11050.0	47.2	196	10889.1	-707.8	-178.1	729.8
11060.0	47.5	196	10895.9	-714.8	-180.1	737.2
11070.0	47.7	196	10902.7	-721.9	-182.2	744.5
11080.0	48.0	196	10909.3	-729.1	-184.2	752.0
090.0	48.2	196	10916.0	-736.2	-186.3	759.4
100.0	48.5	196	10922.7	-743.4	-188.3	766.8
11110.0	48.8	196	10929.3	-750.6	-190.4	774.4
11120.0	49.1	196	10935.8	-757.9	-192.4	781.9
11130.0	49.5	196	10942.4	-765.1	-194.5	789.5
11140.0	49.9	196	10948.8	-772.5	-196.6	797.1
11150.0	50.3	196	10955.2	-779.9	-198.7	804.8
11160.0	50.8	196	10961.6	-787.3	-200.8	812.5
11170.0	51.1	196	10967.9	-794.8	-203.0	820.3
11180.0	51.4	196	10974.1	-802.3	-205.2	828.1
11190.0	51.8	196	10980.4	-809.8	-207.3	835.9
11200.0	52.0	197	10986.5	-817.3	-209.6	843.8
11210.0	52.2	197	10992.6	-824.9	-211.8	851.7
11220.0	52.4	197	10998.7	-832.6	-214.1	859.6
11230.0	52.5	197	11004.8	-840.2	-216.3	867.6
11240.0	52.7	197	11010.8	-847.8	-218.6	875.5
11250.0	52.9	197	11016.9	-855.4	-220.9	883.4
11260.0	53.1	197	11023.0	-863.0	-223.1	891.4
11268.0	53.2	197	11027.9	-869.1	-224.9	897.7

BOTTOM HOLE LOCATION

COURSE LENGTH:	897.7	FT
COURSE AZIMUTH:	194.5	DEGREES
MEASURED DEPTH:	11268.0	FT
TRUE VERTICAL DEPTH:	11027.9	FT
DISTANCE SOUTH:	869.1	FT
DISTANCE WEST:	224.9	FT

EXACT RADIUS OF CURVATURE METHOD

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FEB 07 1991

DIVISION OF OIL, GAS & MINING

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
See attached list

2. Name of Operator
ANR Production Company

9. API Well No.
43-013-

3. Address and Telephone No.
P. O. Box 749, Denver, Colorado 80201-0749

10. Field and Pool, or Exploratory Area
Altamont

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See attached list

11. County or Parish, State
Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other NTL-2B Extension	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company, as operator of 19 BLM regulated emergency pits in the Altamont/ Bluebell field, (see attached list) respectfully requests an extension for the NTL-2B application dated February 23, 1990. This application requested a variance to NTL-2B Section VI, "Temporary Use of Surface Pits."

ANR's intention was to recover waste fluid from these pits, clean up crude contaminated soils, recontour the emergency pits and then install 500 BBL steel capture vessels for emergency fluids.

ANR has removed the waste fluid from these pits, but we are currently evaluating the most effective method of pit cleanup. After this is accomplished the 500 BBL steel capture vessels will be installed. We will keep you apprised of our status on these emergency pits.

We apologize for our delay in completing this project, however the costs and complexity of proper reclamation has required more time than anticipated. Thank you for your patience and understanding on this matter.

14. I hereby certify that the foregoing is true and correct

Signed Eileen Danni Dey Title Regulatory Analyst Date 2-4-91

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: Federal Approval of this Action is Necessary

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 2/19/91
By:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WELL NAME	WELL LOCATION	LEASE #	CA #	API #43-013	TRIBE NAME
Ute #1-35A3	Sec. 35, T1S-R3W	14-20-H62-1802	N/A	30181	Ute
Ute #1-6B2	Sec. 6, T2S-R2W	14-20-H62-1807	N/A	30349	Ute
Ute Tribal #2-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703	9C140	31111	Ute
Ute Tribal #1-33Z2	Sec. 33, T1N-R2W	14-20-H62-1703A	9C140	30334	Ute
Ute #1-34A4	Sec. 34, T1S-R4W	14-20-H62-1774	9640	30075	Ute
Ute #1-36A4	Sec. 36, T1S-R4W	14-20-H62-1793	9642	30069	Ute
Ute #1-20B5	Sec. 20, T2S-R5W	14-20-H62-2507	9C000143	30376	Ute
Ute #1-21C5	Sec. 21, T3S-R5W	14-20-H62-4123	UTO80I49-86C699	30448	Ute
Ute Tribal #1-28B4	Sec. 28, T2S-R4W	14-20-H62-1745	9681	30242	Ute
Monsen #1-27A3	Sec. 27, T1S-R3W	UTU-0141455	NW581	30145	N/A
Ute #2-31A2	Sec. 31, T1S-R2W	14-20-H62-1801	N/A	31139	Ute
Ute Tribal #1-31Z2	Sec. 31, T1N-R2W	14-20-H62-1801	N/A	30278	Ute
Evans #2-19B3	Sec. 19, T2S-R3W	14-20-H62-1734	9678	31113	Ute
Ute Jenks #2-1B4	Sec. 1, T2S-R4W	14-20-H62-1782	N/A	31197	Uintah & Ouray
Ute #1-1B4	Sec. 1, T2S-R4W	14-20-H62-1798	9649	30129	Ute
Murdock #2-34B5	Sec. 34, T2S-R5W	14-20-H62-2511	9685	31132	Ute
Ute #1-25B6	Sec. 25, T2S-R6W	14-20-H62-2529	N/A	30439	Ute
Ute Tribal #1-29C5	Sec. 29, T3S-R5W	14-20-H62-2393	9C200	30449	Ute
Ute #2-22B5	Sec. 22, T2S-R5W	14-20-H62-2509	N/A	31122	Ute

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-H62-1782

6. If Indian, Allottee or Tribe Name: Uintah & Ouray Tribes

7. If Unit or CA, Agreement Designation: N/A

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Ute Jenks #2-1B4

2. Name of Operator: ANR Production Company

9. API Well No.: 43-013-31197

3. Address and Telephone No.: P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

10. Field and Pool, or Exploratory Area: Altamont/Bluebell

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
500' FNL & 2380' FWL
Section 1, T2S-R4W

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other NTL-2B Emergency Pit	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ANR Production Company hereby requests a variance to NTL-2B Section VI, "Temporary Use of Surface Pits."

ANR Production Company proposes to close the existing emergency pit using microbial remediation and install a lined pit. The liner will be seamless, 30 MIL, and 20 year warranted. Any emergency use of this pit will be reported to your office as soon as possible and the pit will be emptied and the liquids disposed of in an approved manner within 48 hours following its use, unless otherwise instructed by your office.

(Please see the attached letter submitted to your office 5/13/91 further describing this project.)

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 5-24-91
By:

RECEIVED
MAY 20 1991
DIVISION OF OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Elieen Danni Dey Title Regulatory Analyst Date 5-16-91

(This space for Federal or State office use)

Approved by Federal Approval of this Action is Necessary Title Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Coastal
The Energy People

MICHAEL E. McALLISTER, Ph. D.
DIRECTOR
ENVIRONMENTAL & SAFETY AFFAIRS
COASTAL OIL & GAS CORPORATION

May 13, 1991

Tim O'Brien
U.S. Dept. Of The Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Dear Tim:

The Bureau of Land Management - Vernal District Office is aware that Coastal Oil & Gas Corporation (COG) is conducting a pilot program using bioremediation technology as the closure technique. It is anticipated that the microbial treatment process will achieve a cost effective closure while eliminating long term waste disposal liabilities associated with conventional closure technologies.

COG is approximately 90 days into the pilot program. The selected pits have been inoculated and filled to the desired liquid level. The pit walls and bottoms have been manually turned to achieve maximum microbial contact. To date, we are able to photographically document the success of our efforts. If the program continues to progress as expected, we will use the technology as our plan of action for the remaining pits.

Utilizing microbes or any other type of closure technique will not eliminate the need for emergency containment in the event of an operating system upset and/or failure. COG respectfully requests, as part of our plan of action, that your office provide the necessary approvals to utilize lined emergency pits to meet this need.

COG shares your concern for protecting groundwater and other natural resources. We additionally recognize our responsibility to conduct our operations lawfully, ethically and in an environmentally responsible manner.

Our project intent is simple. COG will construct an "emergency pit" immediately adjacent to the existing pits. The new pits' size will be held to a minimum, yet large enough to provide adequate protection. The pit will be lined using a 30 mil, 20 year warranty, seamless liner. All emergency piping will be removed from the pit to be closed and diverted to the new lined excavation. The old pit will be closed by microbe or other closure technology.

COG feels we are eliminating the potential environmental liability exposure of the past practice of unlined pits. Additionally, the new lined pits afford COG, as a prudent operator, the opportunity to keep the pits clean, remove any liquids as a result of upset conditions within 48 hours and most importantly the pit liner will be inspected on a documented scheduled basis for maximum efficiency. If a problem is noted, corrections will receive priority attention.

To achieve maximum effectiveness from a microbial treatment process, warmer temperatures are essential. In order to take advantage of the summer weather, COG proposes to start our pit closure program as soon as practical. Therefore, your assistance in providing the necessary approvals in a timely manner, are key to the expedient success of this project.

To re-confirm our position, COG conducts its' operations in an environmentally sound manner. With your office's approval for the "lined emergency pits", we will continue with our planned pit closure program. At the same time this program offers future protection to the groundwater and other natural resources within our area of operation.

If there are any questions or if additional information is needed, please do not hesitate to call.

Very truly yours,

M. E. McAllister, Ph.D.

cc: David Little

bcc: R.L. Bartley
E. Dey
W.L. Donnelly
L.P. Streeb

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: 14-20-H62-1782

6. If Indian, Allottee or Tribe Name: Uintah & Ouray Tribes

7. If Unit or CA, Agreement Designation: N/A

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Ute Jenks #2-1B4

2. Name of Operator: ANR Production Company

9. API Well No.: 43-013-31197

3. Address and Telephone No.: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Exploratory Area: Altamont/Bluebell

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 500' FNL & 2380' FWL, Section 1, T2S-R4W

11. County or Parish, State: Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Cleanout & Acidize	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see the attached procedure to cleanout and acidize the above referenced well.

2-13-92
JR Matthews

RECEIVED
FEB 10 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Eileen Danni Dey (Eileen Danni Dey) Title Regulatory Analyst Date 2/5/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STIMULATION PROCEDURE

UTE JENKS #2-1B4
Section 1, T2S, R4W
Altamont Field
Duchesne County, Utah

January 2, 1992

WELL DATA

Location:	(Surface) 500' FNL & 2630' FWL (Bottom Hole) 760' FSL & 760' FWL
Elevation:	6286' Ungr.; 6313' KB
Total Depth:	15,372' MD TVD: 13,323'
PBTD:	14,980' Top of Fish @ 15,100'
Casing:	13-3/8" 54.5# K-55 set @ 3510' w/2500 sx 9-5/8" 47# N-80 set @ 7943' 9-7/8" 62.8# CYS-95 set @ 7943'-11258' w/3000 sx 5-1/2" 20# P-110 liner set @ 9558'-15367' w/1050 sx Top of tieback sleeve @ 9544' Top of Bowen csg packer patch @ 9554' and bottom @ 9558' Note: Dialog recorded a 2' casing split from 13,384' to 13,386'. Split appears to be in the middle of a dogleg.
Packer:	Mountain States Arrow Set I @ 11,585'
Pump Cavity:	National Pump Cavity @ 11,493'
Perforated Interval:	Upper Wasatch (11,342'-13,268'/651 perfs) Lower Wasatch (13,389'-15,291'/558 perfs)
Perforated Interval Open:	11,342'-14,980'/1116 perfs
Depth Reference:	Schlumberger DIL dated 1/14/88

CASING DATA

Size (in)	Weight (#/ft)	Grade	ID (in)	Burst (psi)	Collapse (psi)	Capacity (B/F)	Depth (ft)
13-3/8	54.5	K-55	12.615	2,730	1,400	0.1545	0-3510'
9-5/8	47.0	N-80	8.681	6,870	4,750	0.0732	0-7943'
9-7/8	62.8	CYS-95	8.560	10,150	9,750	0.0711	7943-11,258'
5-1/2	20.0	P-110	4.778	12,640	11,080	0.0221	9558-15,367'

PROCEDURE

1. MIRU service rig. POOH w/2-7/8" tubing.
2. PU 4-5/8" bit on 4-5/8" csg scraper and 2-7/8" tbg and TIH to 14,980'.
3. POOH and lay down bit and scraper.
4. PU 5-1/2" x 2-7/8" retrievable packer on 2-7/8" x 3-1/2" tbg and TIH setting packer at 9620'. Pressure test tubing and casing.

5. Acidize Wasatch perfs 11,342-14,980' with 20,000 gals 15% HCl with chemical additives, and 1800 1.1 s.g. ball sealers.
   A. Precede acid w/250 bbls water w/10 gals per 1000 scale inhibitor and 500 gals Xylene.
   B. All water to contain 3% KCl.
   C. Acidize in 5 stages of 4000 gals each with diverter stages of 1000 gals gelled saltwater with 1/2#/gal each of Benzoic acid flakes and rock salt.
   D. Maximum pressure to be 8500 psi.
   E. All fluids to be heated to 150°F.

6. Flow or swab back load until pH $\geq$5.0.

7. POOH laying down 3-1/2" tubing and packer.

8. PU production packer and pump cavity on 2-7/8" tbg and TIH. Land tubing and ND BOP. NU tree.

9. Return well to production.

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(June 1990)

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

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7. If Unit or CA, Agreement Designation: N/A

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2. Name of Operator: ANR Production Company

9. API Well No.: 43-013-31197

3. Address and Telephone No.: P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

10. Field and Pool, or Exploratory Area: Altamont/Bluebell

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 500' FNL & 2380' FWL, Section 1, T2S-R4W

11. County or Parish, State: Duchesne County, Utah

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[XX] Subsequent Report	[ ] Recompletion	[ ] New Construction
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	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[XX] Other NTL-3A	[ ] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Oil & water spilled into the lined pit on the above referenced location at approximately 3:30 p.m., 5/19/92. The relief valve became stuck on the treater causing ±50 bbls of water and ±10 bbls of oil to spill into the lined production pit. The relief valve was immediately replaced and all oil (10 bbls) was recovered and placed in the sales tank.

The spill was verbally reported to Ed Forsman/BLM on 5/22/92, by Eileen Dey/ANR Production Company.

JUN 0 1 1992

14. I hereby certify that the foregoing is true and correct

Signed Eileen Danni Dey Title Regulatory Analyst Date 5/27/92

Eileen Danni Dey

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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June 1990)

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14-20-H62-1782

6. If Indian, Allottee or Tribe Name
Uintah & Ouray Tribes

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
N/A

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[X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator
ANR Production Company

8. Well Name and No.
Ute Jenks #2-1B4

3. Address and Telephone No.
P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476

9. API Well No.
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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
500' FNL and 2380' FWL
Section 1, T2S, R4W

10. Field and Pool, or Exploratory Area
Altamont/Bluebell

11. County or Parish, State
Duchesne County, Utah

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Please see the attached chronological history for the clean out and acid job performed on the above-referenced well.

14. I hereby certify that the foregoing is true and correct

Signed Kathleen Danni Dey (Kathleen Danni Dey) Title Regulatory Analyst Date 8/6/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

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*See Instruction on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO & ACDZ/INSTALL BPU/RETIRE HYD PMP EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.94974% ANR AFE: 63905/63906/63907
TD: 15,372'MD/13,323'TVD PBTD: 14,980'
5-1/2" LINER @ 9,558'-15,367'
PERFS: 11,342'-15,291' (WASATCH)
CWC(M$): 110.4/188.8/(49.9)

6/30/92 Finish rigging up, rel pkr & POOH w/prod 2-7/8". Road from 1-23B4-R to loc. MI & spot rig. Raise half mast. Tried to extend derrick but tbg board hit on new Rotaflex unit. WO B&G to slide unit back. Wind started gusting too hard to finish rigging up. Pull guy wires. SDFN 12:00 p.m.
DC: $1,879 TC: $1,879

7/1/92 Finish POOH w/2-7/8" & BHA. Finish RU rig. ND WH, strip off tbg head. Strip on 11" 5000# spool & BOP. RU floor & tongs. Release MSOT 5-1/2" Arrow set 1 pkr @ 11,178'. Took 2 hrs to release. LD w/60 jts to get above 5-1/2" LT. Flush w/70 bbls. POOH & LD 170 jts 2-7/8" N-80 EUE. SWIFN @ 6:00 p.m. EOT @ 4000'. Kill string.
DC: $3,272 TC: $5,151

7/2/92 Cleanout 5-1/2" liner to 14,980'. POOH w/128 jts 2-7/8", Nat'l pump cavity, 2 jts 2-7/8", Mtn States 5-1/2" pkr. LD all tbg & tools. RIH with 4-5/8" mill, checks, 171 jts 2-7/8" PH-6/P-105 Hydril, stroking tool, 119 jts of same to EOT @ 9365', 181' above 5-1/2" LT. SDFN @ 6:00 p.m.
DC: $13,824 TC: $18,975

7/3/92 RIH & cont cleanout. PU & tally in hole w/88 jts 2-7/8" PH-6/P-105 Hydril. Tag fill @ 12,218'. Bailed 10'. Got hard. RU swivel. Drill & stroke 20'. Fall thru @ 12,248'. Ran 2 jts. RD swivel. PU & tally in hole. Tag tight spot @ 13,365'. Fall thru @ 13,386'. Had to rotate thru w/tongs. RIH & tag @ 13,917'. RU swivel. Made 2'. Rig motor started losing power & would barely move tbg. RD swivel & POOH w/80 jts to get above top perf, EOT @ 11,300'. SD for rig repairs @ 7:30 p.m.
DC: $6,974 TC: $25,949

7/6/92 POOH & LD 2-7/8" Hydril & bailer. SIP @ 750 psi. RU line & blow down to flat tank. RIH w/82 jts 2-7/8". RU swivel. Tag fill @ 13,910'. Fell thru @ 13,925'. RIH & tag @ 14,280'. Fall thru @ 14,300'. RIH & tag @ 14,790'. Clean out to 14,988'. RD swivel. RU tbg equip. POOH w/120 jts 2-7/8" to get above top perf, EOT @ 11,140', 202' above top perf. RU annulus to battery. SDFN @ 6:30 p.m.
DC: $9,730 TC: $35,679

7/7/92 LD 120 jts 2-7/8", RU & acidize. POOH & LD 345 jts 2-7/8" P-105/PH-6 Hydril & bailer. 160 jts of 5500' cavity were wet. Last 5 jts were plugged bad. LD checks & 4-5/8" mill. Cleanup mess w/hot oiler. RIH w/120 jts of same out of derrick. RU annulus to battery. SDFN @ 7:30 p.m.
DC: $6,172 TC: $41,851

7/8/92 Fin RIH w/2-7/8" prod, PU rods. POOH & LD 120 jts 2-7/8" P-105/PH-6 Hydril. RU Smith Energy to pump acid job thru BOP & down csg. Acdz 11,342'-14,980' perfs w/20,000 gals 15% HCl w/additives, 100 BS's, condensate, BAF, rock salt, 1800 - 1.1 SG balls, down 9-7/8", 9-5/8", 5-1/2" csg. MIR 65 BPM @ 3800#, AIR 60 BPM @ 3650#. ISIP 2240#, 5 min SIP 580#, 10 min SIP 0#. Ttl load of 1975 bbls. Good diversion. RD Smith. RU & tally in hole & PU 5-1/2" MSOT AC, 4' pup, perf jt, plug, 1 jt 2-7/8", PBGA, 6' pup, SN, 253 jts 2-7/8" N-80 EUE. SDFN @ 7:00 p.m. RU csg to FL. EOT @ 8032'.
DC: $49,827 TC: $91,678

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO & ACDZ/INSTALL BPU/RETIRE HYD PMP EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.94974% ANR AFE: 63905/63906/63907

7/9/92 RIH with 7/8" & 1" rods. PU & tally in hole w/83 jts 2-7/8" N-80 EUE. Strip off BOP's & spool. PU 1 jt and set MSOT 5½" AC w/carbide slips @ 10,617' & land w/18,000# tension, SN @ 10,511'. RU hot oiler and flush w/70 BW. RD tbg equip and RU to run rods. Clean pins and RIH w/pump, 39 - 1" EL w/5 guides per rod. Pull protectors, clean pins and install couplings on 242 - 7/8" EL's. SDFN @ 6:00 p.m.
DC: $10,937 TC: $102,615

7/10/92 POOH w/rest of rods & pump. PU & RIH w/242 - 7/8" EL's and 123 - 1" EL's. Tag obstruction in tbg @ 10,172'. Fell thru 4'. POOH w/2 rods. Flush w/70 bbls. RIH & tag @ 10,182'. Tried to pull but rods stuck. Work for 3 hrs pulling up to 20,000# (shown 45,000#) over. Made no hole. Attempt to back off rods. Started making hole. Made 2' & pmp came free. Tbg went on vacuum. POOH w/123 - 1", 205 - 7/8". Tbg blew out. SWI & SDFN. Strong acid smell on fluid that blew out of hole. SD @ 7:00 p.m.

7/11/92 RIH w/prod. POOH w/30 - 7/8" to back off. RD WH. Release MSOT tbg anchor. RU swab & swab fluid down to 5000'. POOH w/160 jts 2-7/8" N-80 EUE to fluid. Swab fluid down to top of rods. Pull on rods. Came right loose. POOH w/7 - 7/8" 39 - 1", pump. POOH w/remaining tbg & BHA. LD last 16 jts 2-7/8". Flushed PBGA. SDFN @ 6:00 p.m.
DC: $2,679 TC: $108,408

7/12/92 RIH w/rods, return to prod. RIH w/new MSOT 5-1/2" AC, BHA. PU 15 jts 2-7/8" N-80 EUE yellow band. RIH w/320 jts of 2-7/8" out of derrick. Broached every 80 jts w/2.347" broach while RIH. Hit nothing. Strip off BOP's. Set 5-1/2" AC @ 10,586' & land w/18,000# tension, SN @ 10,479'. NU WH. RD tbg equip & RU to run rods. RIH w/pump, 39 - 1" EL's w/5 guides per rod, 120 - 7/8" EL's. Check torque on all rods due to having to back off rods. Flushed w/5 gal biocide, 70 BW before RIH w/rods. SDFN @ 6:00 p.m.
DC: $3,396 TC: $111,804

7/13/92 Cont swabbing. RIH w/121 - 7/8" EL's, 136 - 1" EL's. Torqued all rods in hole. LD 2 - 1" & space out string. PU 2 - 8', 2 - 2' x 1" ponies & polish rod. Seat pump. Pmpd 60 BW to fill & test. Pump not seated. Spud on pump to seat. Pump 22 BW to fill. Try to stroke pump to test but pump unseated @ 3'. PU & worked rods up & down for 1 hr. Got 8' stroke then pump appeared to lock up. POOH w/rods & pump. Pump would not stroke in. Ball was off seat. Appeared to be slight amt of sand in pump. RU swab to swab & cleanup well. Swbd as follows:

Run #	BO	BW	Fluid Level	Pulled From	Entry	Remarks
1	tr	6	7300'	8400'	0'	Dark brn wtr, tr oil.
2	tr	6	7900'	9000'	500'	Dark brn wtr, tr oil, tr solids.
3	tr	6	8100'	9300'	900'	Wtr cleaning up, tr oil, tr solids.
4	3	3	7500'	8700'	1700'	Wtr cleaning up, 50% oil, tr solids.
5	6	1	7500'	9000'	1200'	90% oil, tr solids, high gas cut.
6	6	1	7400'	8900'	1600'	90% oil, tr sol, high gas cut.
	15	23				

DC: $42,926 TC: $154,730

7/14/92 On production. Swab to frac master as follows:

Run #	BO	BW	Fluid Level	Pulled From	Entry	Remarks
1	6	--	7300'	8500'		100% oil.
2	1	5	7500'	8700'		90% wtr (brown), tr sol.
3	1	5	7500'	8700'		90% wtr (clear), no sol.
4	5	1	7700'	8900'		90% oil, wtr clear, no solids.
	13	11				

Made 4 runs. Wtr cleaned up, no solids. RD swab. Flush tbg w/40 bbls. RIH w/pump, 39 - 1" EL w/guides, 242 - 7/8" EL's, 134 - 1" EL's, 2 - 8', 2 - 2'x1" EL ponies. Spaced out. PU polish rod & seat pump. Fill tbg w/40 bbls. Stroke w/rig & test to 500#. Held. RD rig. Cleanup loc. Crews rigging up Rotaflex unit.
DC: $12,660 TC: $167,390

7/14/92 Pmpd 0 BO, 189 BW, 121 MCF/12 hrs.

7/15/92 Pmpd 27 BO, 310 BW, 95 MCF.

7/16/92 Pmpd 49 BO, 292 BW, 107 MCF, 3.8 SPM.

7/17/92 Pmpd 70 BO, 309 BW, 107 MCF.

7/18/92 Pmpd 76 BO, 356 BW, 114 MCF.

7/19/92 Pmpd 75 BO, 354 BW, 114 MCF.

7/20/92 Pmpd 60 BO, 351 BW, 110 MCF.

7/21/92 Pmpd 70 BO, 370 BW, 110 MCF.

7/22/92 Pmpd 60 BO, 381 BW, 110 MCF.

7/23/92 Pmpd 72 BO, 365 BW, 127 MCF.

7/24/92 Pmpd 69 BO, 374 BW, 122 MCF.

7/25/92 Pmpd 71 BO, 375 BW, 127 MCF.

7/26/92 Pmpd 70 BO, 358 BW, 122 MCF.

7/27/92 Pmpd 65 BO, 403 BW, 110 MCF.

Prior prod: 38 BOPD, 276 BWPD, 144 MCFPD. Final report.

10238

Form 3160-5
June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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RECEIVED
DEC 18 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
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Approved by NOTED Title ______ Date AUG 12 1992
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO & ACDZ/INSTALL BPU/RETIRE HYD PMP EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.94974% ANR AFE: 63905/63906/63907
TD: 15,372'MD/13,323'TVD PBTD: 14,980'
5-1/2" LINER @ 9,558'-15,367'
PERFS: 11,342'-15,291' (WASATCH)
CWC(M$): 110.4/188.8/(49.9)

6/30/92 Finish rigging up, rel pkr & POOH w/prod 2-7/8". Road from 1-23B4-R to loc. MI & spot rig. Raise half mast. Tried to extend derrick but tbg board hit on new Rotaflex unit. WO B&G to slide unit back. Wind started gusting too hard to finish rigging up. Pull guy wires. SDFN 12:00 p.m.
DC: $1,879 TC: $1,879

7/1/92 Finish POOH w/2-7/8" & BHA. Finish RU rig. ND WH, strip off tbg head. Strip on 11" 5000# spool & BOP. RU floor & tongs. Release MSOT 5-1/2" Arrow set 1 pkr @ 11,178'. Took 2 hrs to release. LD w/60 jts to get above 5-1/2" LT. Flush w/70 bbls. POOH & LD 170 jts 2-7/8" N-80 EUE. SWIFN @ 6:00 p.m. EOT @ 4000'. Kill string.
DC: $3,272 TC: $5,151

7/2/92 Cleanout 5-1/2" liner to 14,980'. POOH w/128 jts 2-7/8", Nat'l pump cavity, 2 jts 2-7/8", Mtn States 5-1/2" pkr. LD all tbg & tools. RIH with 4-5/8" mill, checks, 171 jts 2-7/8" PH-6/P-105 Hydril, stroking tool, 119 jts of same to EOT @ 9365', 181' above 5-1/2" LT. SDFN @ 6:00 p.m.
DC: $13,824 TC: $18,975

7/3/92 RIH & cont cleanout. PU & tally in hole w/88 jts 2-7/8" PH-6/P-105 Hydril. Tag fill @ 12,218'. Bailed 10'. Got hard. RU swivel. Drill & stroke 20'. Fall thru @ 12,248'. Ran 2 jts. RD swivel. PU & tally in hole. Tag tight spot @ 13,365'. Fall thru @ 13,386'. Had to rotate thru w/tongs. RIH & tag @ 13,917'. RU swivel. Made 2'. Rig motor started losing power & would barely move tbg. RD swivel & POOH w/80 jts to get above top perf, EOT @ 11,300'. SD for rig repairs @ 7:30 p.m.
DC: $6,974 TC: $25,949

7/6/92 POOH & LD 2-7/8" Hydril & bailer. SIP @ 750 psi. RU line & blow down to flat tank. RIH w/82 jts 2-7/8". RU swivel. Tag fill @ 13,910'. Fell thru @ 13,925'. RIH & tag @ 14,280'. Fall thru @ 14,300'. RIH & tag @ 14,790'. Clean out to 14,988'. RD swivel. RU tbg equip. POOH w/120 jts 2-7/8" to get above top perf, EOT @ 11,140', 202' above top perf. RU annulus to battery. SDFN @ 6:30 p.m.
DC: $9,730 TC: $35,679

7/7/92 LD 120 jts 2-7/8", RU & acidize. POOH & LD 345 jts 2-7/8" P-105/PH-6 Hydril & bailer. 160 jts of 5500' cavity were wet. Last 5 jts were plugged bad. LD checks & 4-5/8" mill. Cleanup mess w/hot oiler. RIH w/120 jts of same out of derrick. RU annulus to battery. SDFN @ 7:30 p.m.
DC: $6,172 TC: $41,851

7/8/92 Fin RIH w/2-7/8" prod, PU rods. POOH & LD 120 jts 2-7/8" P-105/PH-6 Hydril. RU Smith Energy to pump acid job thru BOP & down csg. Acdz 11,342'-14,980' perfs w/20,000 gals 15% HCl w/additives, 100 BS's, condensate, BAF, rock salt, 1800 - 1.1 SG balls, down 9-7/8", 9-5/8", 5-1/2" csg. MIR 65 BPM @ 3800#, AIR 60 BPM @ 3650#. ISIP 2240#, 5 min SIP 580#, 10 min SIP 0#. Ttl load of 1975 bbls. Good diversion. RD Smith. RU & tally in hole & PU 5-1/2" MSOT AC, 4' pup, perf jt, plug, 1 jt 2-7/8", PBGA, 6' pup, SN, 253 jts 2-7/8" N-80 EUE. SDFN @ 7:00 p.m. RU csg to FL. EOT @ 8032'.
DC: $49,827 TC: $91,678

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO & ACDZ/INSTALL BPU/RETIRE HYD PMP EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.94974% ANR AFE: 63905/63906/63907

7/9/92 RIH with 7/8" & 1" rods. PU & tally in hole w/83 jts 2-7/8" N-80 EUE. Strip off BOP's & spool. PU 1 jt and set MSOT 5½" AC w/carbide slips @ 10,617' & land w/18,000# tension, SN @ 10,511'. RU hot oiler and flush w/70 BW. RD tbg equip and RU to run rods. Clean pins and RIH w/pump, 39 - 1" EL w/5 guides per rod. Pull protectors, clean pins and install couplings on 242 - 7/8" EL's. SDFN @ 6:00 p.m.
DC: $10,937 TC: $102,615

7/10/92 POOH w/rest of rods & pump. PU & RIH w/242 - 7/8" EL's and 123 - 1" EL's. Tag obstruction in tbg @ 10,172'. Fell thru 4'. POOH w/2 rods. Flush w/70 bbls. RIH & tag @ 10,182'. Tried to pull but rods stuck. Work for 3 hrs pulling up to 20,000# (shown 45,000#) over. Made no hole. Attempt to back off rods. Started making hole. Made 2' & pmp came free. Tbg went on vacuum. POOH w/123 - 1", 205 - 7/8". Tbg blew out. SWI & SDFN. Strong acid smell on fluid that blew out of hole. SD @ 7:00 p.m.

7/11/92 RIH w/prod. POOH w/30 - 7/8" to back off. RD WH. Release MSOT tbg anchor. RU swab & swab fluid down to 5000'. POOH w/160 jts 2-7/8" N-80 EUE to fluid. Swab fluid down to top of rods. Pull on rods. Came right loose. POOH w/7 - 7/8" 39 - 1", pump. POOH w/remaining tbg & BHA. LD last 16 jts 2-7/8". Flushed PBGA. SDFN @ 6:00 p.m.
DC: $2,679 TC: $108,408

7/12/92 RIH w/rods, return to prod. RIH w/new MSOT 5-1/2" AC, BHA. PU 15 jts 2-7/8" N-80 EUE yellow band. RIH w/320 jts of 2-7/8" out of derrick. Broached every 80 jts w/2.347" broach while RIH. Hit nothing. Strip off BOP's. Set 5-1/2" AC @ 10,586' & land w/18,000# tension, SN @ 10,479'. NU WH. RD tbg equip & RU to run rods. RIH w/pump, 39 - 1" EL's w/5 guides per rod, 120 - 7/8" EL's. Check torque on all rods due to having to back off rods. Flushed w/5 gal biocide, 70 BW before RIH w/rods. SDFN @ 6:00 p.m.
DC: $3,396 TC: $111,804

7/13/92 Cont swabbing. RIH w/121 - 7/8" EL's, 136 - 1" EL's. Torqued all rods in hole. LD 2 - 1" & space out string. PU 2 - 8', 2 - 2' x 1" ponies & polish rod. Seat pump. Pmpd 60 BW to fill & test. Pump not seated. Spud on pump to seat. Pump 22 BW to fill. Try to stroke pump to test but pump unseated @ 3'. PU & worked rods up & down for 1 hr. Got 8' stroke then pump appeared to lock up. POOH w/rods & pump. Pump would not stroke in. Ball was off seat. Appeared to be slight amt of sand in pump. RU swab to swab & cleanup well. Swbd as follows:

Run #	BO	BW	Fluid Level	Pulled From	Entry	Remarks
1	tr	6	7300'	8400'	0'	Dark brn wtr, tr oil.
2	tr	6	7900'	9000'	500'	Dark brn wtr, tr oil, tr solids.
3	tr	6	8100'	9300'	900'	Wtr cleaning up, tr oil, tr solids.
4	3	3	7500'	8700'	1700'	Wtr cleaning up, 50% oil, tr solids.
5	6	1	7500'	9000'	1200'	90% oil, tr solids, high gas cut.
6	6	1	7400'	8900'	1600'	90% oil, tr sol, high gas cut.
	15	23				

DC: $42,926 TC: $154,730

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4 (CO & ACDZ/INSTALL BPU/RETIRE HYD PMP EQUIP)
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.94974% ANR AFE: 63905/63906/63907

7/14/92 On production. Swab to frac master as follows:

Run #	BO	BW	Fluid Level	Pulled From	Entry	Remarks
1	6	--	7300'	8500'		100% oil.
2	1	5	7500'	8700'		90% wtr (brown), tr sol.
3	1	5	7500'	8700'		90% wtr (clear), no sol.
4	5	1	7700'	8900'		90% oil, wtr clear, no solids.
	13	11				

Made 4 runs. Wtr cleaned up, no solids. RD swab. Flush tbg w/40 bbls. RIH w/pump, 39 - 1" EL w/guides, 242 - 7/8" EL's, 134 - 1" EL's, 2 - 8', 2 - 2'x1" EL ponies. Spaced out. PU polish rod & seat pump. Fill tbg w/40 bbls. Stroke w/rig & test to 500#. Held. RD rig. Cleanup loc. Crews rigging up Rotaflex unit.
DC: $12,660 TC: $167,390

7/14/92 Pmpd 0 BO, 189 BW, 121 MCF/12 hrs.

7/15/92 Pmpd 27 BO, 310 BW, 95 MCF.

7/16/92 Pmpd 49 BO, 292 BW, 107 MCF, 3.8 SPM.

7/17/92 Pmpd 70 BO, 309 BW, 107 MCF.

7/18/92 Pmpd 76 BO, 356 BW, 114 MCF.

7/19/92 Pmpd 75 BO, 354 BW, 114 MCF.

7/20/92 Pmpd 60 BO, 351 BW, 110 MCF.

7/21/92 Pmpd 70 BO, 370 BW, 110 MCF.

7/22/92 Pmpd 60 BO, 381 BW, 110 MCF.

7/23/92 Pmpd 72 BO, 365 BW, 127 MCF.

7/24/92 Pmpd 69 BO, 374 BW, 122 MCF.

7/25/92 Pmpd 71 BO, 375 BW, 127 MCF.

7/26/92 Pmpd 70 BO, 358 BW, 122 MCF.

7/27/92 Pmpd 65 BO, 403 BW, 110 MCF.

Prior prod: 38 BOPD, 276 BWPD, 144 MCFPD. Final report.

FORM 9

STATE OF UTAH
DIVISION OIL, GAS AND MINING

5. Lease Designation and Serial Number: See Attached

6. If Indian, Allottee or Tribe Name: See Attached

7. Unit Agreement Name: See Attached

8. Well Name and Number: See Attached

9. API Well Number: See Attached

10. Field and Pool, or Wildcat: See Attached

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL [X] GAS [ ] OTHER:

2. Name of Operator: Coastal Oil & Gas Corporation

3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

4. Location of Well
Footages: See Attached
QQ, Sec., T., R., M.: See Attached
County: See Attached
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit In Duplicate)

- [ ] Abandon
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [ ] Multiple Completion
- [ ] Other
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- [ ] Abandon *
- [ ] Repair Casing
- [ ] Change of Plans
- [ ] Convert to Injection
- [ ] Fracture Treat or Acidize
- [X] Other Change of Operator
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Perforate
- [ ] Vent or Flare
- [ ] Water Shut-Off

Date of work completion

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company

RECEIVED
MAR - 8 1996
DIV OF OIL, GAS & MINING

13.
Name & Signature: Sheila Bremer
Sheila Bremer
Environmental & Safety Analyst
Title: Coastal Oil & Gas Corporation Date: 03/07/96

(This space for State use only)

(5/94) (See Instructions on Reverse Side)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL Footages	Section, Township & Range	Field	County
Miles 2-1B5	43-013-31257	Fee 11062	N/A	N/A	1567' FSL & 1868' FWL	NESW, 1-2S-5W	Altamont	Duchesne
Miles 2-3B3	43-013-31261	Fee 11102	N/A	N/A	2078' FSL & 2477' FWL	NESW, 3-2S-3W	Altamont	Duchesne
Monsen 1-21A3	43-013-30082	Patented 1590	N/A	N/A	1546' FNL & 705' FEL	SENE, 21-1S-3W	Altamont	Duchesne
Monsen 2-22A3	43-013-31265	Fee 11098	N/A	N/A	1141' FSL & 251' FWL	SWSW, 22-1S-3W	Altamont	Duchesne
Murdock 2-26B5	43-013-31124	Fee 1531	N/A	N/A	852' FWL & 937' FSL	SWSW, 26-2S-5W	Altamont	Duchesne
Potter 1-24B5	43-013-30356	Patented 1730	N/A	N/A	1110' FNL & 828' FEL	SENE, 24-2S-5W	Altamont	Duchesne
Potter 1-2B5	43-013-30293	Patented 1826	N/A	N/A	1832' FNL & 1385' FEL	SWNE, 2-2S-5W	Altamont	Duchesne
Potter 2-24B5	43-013-31118	Fee 1731	N/A	N/A	922' FWL & 2124' FSL	NWSW, 24-2S-5W	Altamont	Duchesne
Potter 2-6B4	43-013-31249	Fee 11038	N/A	N/A	1517' FSL & 1732' FWL	NESW, 6-2S-4W	Altamont	Duchesne
Powell 1-33A3	43-013-30105	Fee 1625	N/A	N/A	2340' FNL & 660' FEL	SENE, 33-1S-3W	Altamont	Duchesne
Powell 2-33A3	43-013-30704	Fee 2400	N/A	N/A	1582' FSL & 1558' FWL	NESW, 33-1S-3W	Altamont	Duchesne
Reeder 1-17B5	43-013-30218	Patented 1710	N/A	N/A	1619' FNL & 563' FEL	SENE, 17-2S-5W	Altamont	Duchesne
Remington 1-34A3	43-013-30139	Patented 1725	N/A	N/A	919' FNL & 1596' FEL	NWNE, 34-1S-3W	Altamont	Duchesne
Remington 2-34A3	43-013-31091	Fee 1736	N/A	N/A	1645' FWL & 1833' FSL	NESW, 34-1S-3W	Altamont	Duchesen
Roper 1-14B3	43-013-30217	Fee 1850	N/A	N/A	1623' FNL & 2102' FWL	SENW, 14-2S-3W	Bluebell	Duchesne
Rust 1-4B3	43-013-30063	Patented 1575	N/A	N/A	2030' FNL & 660' FEL	SENE, 4-2S-3W	Altamont	Duchesne
Rust 3-4B3	43-013-31070	Fee 1576	N/A	N/A	1072' FSL & 1460' FWL	SESW, 4-2S-3W	Altamont	Duchesne
Smith 1-31B5	43-013-30577	Fee 1955	N/A	N/A	2232' FSL & 1588' FEL	NWSE, 31-2S-5W	Altamont	Duchesne
State 1-19B1	43-013-30688	ML-30598 ~~Fee~~ 2395	N/A	N/A	1043' FWL & 1298' FNL	NWNW, 19-2S-1W	Bluebell	Duchesne
Stevenson 3-29A3	43-013-31376	Fee 11442	N/A	N/A	1347' FNL & 1134' FWL	CNW, 29-1S-3W	Altamont	Duchesne
Tew 1-15A3	43-013-30529	Fee 1945	N/A	N/A	1215' FEL & 1053' FNL	NENE, 15-1S-3W	Altamont	Duchesne
Tew 1-1B5	43-013-30264	Patented 1870	N/A	N/A	1558' FNL & 671' FEL	NENE, 1-2S-5W	Altamont	Duchesne
Todd 2-21A3	43-013-31296	Fee 11268	N/A	N/A	2456' FSL & 1106' FWL	NWSW, 21-1S-3W	Bluebell	Duchesne
Weikert 2-29B4	43-013-31298	Fee 11332	N/A	N/A	1528' FNL & 1051' FWL	SWNW, 29-2S-4W	Bluebell	Duchesne
Whitehead 1-22A3	43-013-30357	Patented 1885	N/A	N/A	2309' FNL & 2450' FEL	SWNE, 22-1S-3W	Altamont	Duchesne
Winkler 1-28A3	43-013-30191	Patented 1750	N/A	N/A	660' FNL & 1664' FEL	NWNE, 28-1S-3W	Altamont	Duchesne
Winkler 2-28A3	43-013-31109	Fee 1751	N/A	N/A	1645' FWL & 919' FSL	SESW, 28-1S-3W	Altamont	Duchesne
Wright 2-13B5	43-013-31267	Fee 11115	N/A	N/A	2442' FNL & 2100' FWL	SENW, 13-2S-5W	Altamont	Duchesne
Young 1-29B4	43-013-30246	Patented 1791	N/A	N/A	2311' FNL & 876' FEL	SENE, 29-2S-4W	Altamont	Duchesne
Young 2-15A3	43-013-31301	Fee 11344	N/A	N/A	1827' FWL & 1968' FWL	NWSW, 15-1S-3W	Altamont	Duchesne
Young 2-30B4	43-013-31366	Fee 11453	N/A	N/A	2400' FNL & 1600' FWL	SENW, 30-2S-4W	Altamont	Duchesne
Ute Tribal 2-21B6	43-013-31424	14-20-H62-2489 11615	Ute	9639	1226' FSL & 1306' FEL	SESE, 22-2S-6W	Altamont	Duchesne
Ute 1-34A4	43-013-30076	14-20-H62-1774 1585	Ute	9640	1050' FWL & 1900' FNL	SWNW, 12-2S-3W	Bluebell	Duchesne
Ute 1-36A4	43-013-30069	14-20-H62-1793 1580	Ute	9642	1544' FEL & 1419' FNL	SWNE, 28-2S-4W	Altamont	Duchesne
Ute 1-1B4	43-013-30129	14-20-H62-1798 1700	Ute	9649	500' FNL & 2380' FWL	NENW, 1-2S-4W	Altamont	Duchesne
→ Ute Jenks 2-1B4	43-013-31197	14-20-H62-1782 10844	Ute	9649	1167' FSL & 920' FWL	SWSW, 33-1N-2W	Bluebell	Duchesne
Evans 2-19B3	43-013-31113	14-20-H62-1734 1777	Ute	9678	983' FSL & 683' FEL	SESE, 21-2S-6W	Altamont	Duchesne
Ute 3-12B3	43-013-31379	14-20-H62-1810 11490	Ute	9679	2219' FNL & 2213' FEL	SWNE, 8-1S-1E	Bluebell	Uintah
Ute 1-28B4	43-013-30242	14-20-H62-1745 1796	Ute	9681	1727' FWL & 1675' FSL	NESW, 19-2S-3W	Altamont	Duchesne
Murdock 2-34B5	43-013-31132	14-20-H62-2511 10456	Ute	9685	1420' FNL & 1356' FEL	SWNE, 34-1S-4W	Altamont	Duchesne
Ute Tribal 10-13A4	43-013-30301	14-20-H62-1685 5925	Ute	9C-126	2230' FNL & 1582' FEL	SWNE, 33-1N-2W	Bluebell	Duchesne
Ute 1-8A1E	43-047-30173	14-20-H62-2714 1846	Ute	9C138	1543' FSL & 2251' FWL	NESW, 34-2S-5W	Altamont	Duchesne
Ute 2-33Z2	43-013-31111	14-20-H62-1703 10451	Ute	9C140	802' FNL & 1545' FWL	NWNE, 13-1S-4W	Altamont	Duchesne
Ute Tribal 1-33Z2	43-013-30334	14-20-H62-1703 1851	Ute	9C140	1660' FSL & 917' FWL	NWSW, 18-2S-3W	Altamont	Duchesne
Myrin Ranch 2-18B3	43-013-31297	14-20-H62-1744,4521,4522,4554	N/A 11495	UTU70814	975' FNL & 936' FEL	NENE, 36-1S-4W	Altamont	Duchesne
Ute Tribal 2-22B6	43-013-31444	14-20-H62-4644 11641	Ute	UTU73743	1401' FSL & 1295' FWL	NWSW, 15-2S-6W	Altamont	Duchesne
Ute 1-15B6	43-013-31484	14-20-H62-4647 11810	Ute	UTU73964	1879' FNL & 1070' FEL	SENE, 1-2S-4W	Altamont	Duchesne
Ute 1-25A3	43-013-30370	14-20-H62-1802 1920	Ute	N/A	1727' FNL & 1784' FEL	SWNE, 25-1S-3W	Bluebell	Duchesne
Ute 1-26A3	43-013-30348	14-20-H62-1803 1890	Ute	N/A	1869' FNL & 1731' FWL	SENW, 26-1S-3W	Bluebell	Duchesne

UTU [illegible]
9649
9681
9C140
9639
9C138
9678
9640
9C-140
9685
9C126
UTU70814
9642
UTU73964
9649

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
UT-922

April 11, 1996

Memorandum

TO: Superintendent, Uintah and Ouray Agency, Ft. Duchesne, Utah

FROM: Chief, Branch of Fluid Minerals, BLM, Utah State Office, Salt Lake City, Utah

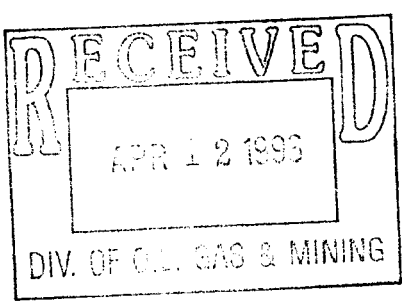
SUBJECT: Successor of Operator, Communitization Agreement's (CA) 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080I49-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah

The enclosed Designation of Successor of Operators for CA's 96-000018, 96-000023, 96-000035, 96-000039, 96-000040, 96-000042, 96-000043, 96-000045, 96-000046, 96-000049, 96-000054, 96-000055, 96-000056, 96-000059, 96-000060, 96-000061, 96-000070, 96-000071, 96-000072, 96-000074, 96-000078, 96-000079, 96-000081, 96-000085, 96-000104, 9C-000126, 9C-000133, 9C-000138, 9C-000140, UT080I49-87C696, UT70814, UTU73743 and UTU73964, Duchesne and Uintah Counties, Utah, have been reviewed by this office and found to be acceptable and we recommend approval. The new operator will be Coastal Oil & Gas Corporation. Upon approval of these Successor of Operators, please return one copy to this office.

If you have any questions, please contact Teresa Thompson at (801) 539-4047.

Enclosures

bcc: ~~96-000199~~
CA 's (33)
DM - Vernal
Division Oil, Gas & Mining
Agr. Sec. Chron.
Fluid Chron



UNITED STATES GOVERNMENT

memorandum

DATE: August 16, 1996

REPLY TO ATTN OF: Superintendent, Uintah and Ouray Agency

SUBJECT: Designation of Successor Operator

TO: Bureau of Land Management, Vernal District Office

We are in receipt of the Designations of Successor Operator for our approval whereby Coastal Oil & Gas Corporation was designated as the new Operator for the Communization Agreements (CA) listed on the attached sheet, Exhibit "A".

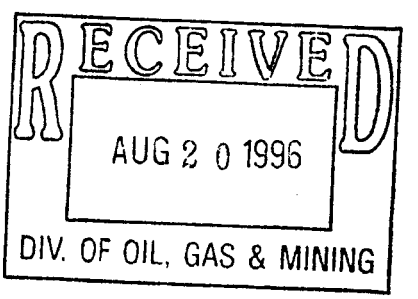
The enclosed instruments were approved on the date of this letter. Coastal's Nationwide Bond will be used to cover all operations, and plugging and abandonment of wells.

If you have any questions, please contact this office at (801) 722-2406, Ext. 51/52/54.

Charles H Cameron

Enclosures

cc: Lisha Cordova, Utah State DOGM
Theresa Thompson, BLM/SLC



OPTIONAL FORM NO. 10
(REV. 1-80)
GSA FPMR (41 CFR) 101-11.6
5010-114
★U.S.GPO:1990-0-262-081/20165

DESIGNATION OF SUCCESSOR OPERATOR

Communitization Agreement Numbers are listed on attached Exhibit "A"

Designation of successor Operator for communitized area, Counties of Uintah and Duchesne, State of Utah, being:

(See attached Exhibit "A" for description of Communitization Agreements)

THIS INDENTURE, dated as of the 9th day of April, 1996, by and between Coastal Oil & Gas Corporation, hereinafter designated as "First Party", and the owners of communitized working interests, hereinafter designated as "Second Parties",

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, a Communitization Agreement for the above Communitized Area, effective (see attached Exhibit "A") wherein ANR Production Company is designated as Operator of the communitized area; and

WHEREAS said, ANR Production Company has resigned as Operator, and the designation of successor operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Operator of the communitized area, and said First Party desires to assume all the rights, duties and obligations of Operator under the said Communitization Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Operator of the communitized area under and pursuant to all the terms of said Communitization Agreement, and the Second Parties covenants and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Operator, pursuant to the terms and conditions of said Communitization Agreement; and said Agreement being hereby incorporated herein by referenced and made a part hereof as fully and effectively as though said Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY
COASTAL OIL & GAS CORPORATION

By: _____

C. E. Lindberg
Vice President

STATE OF COLORADO)
)
COUNTY OF Denver)

The foregoing instrument was acknowledged before me on the 9th day of April, 1996 by C. E. Lindberg, known to me to be the vice President of Coastal Oil & Gas Corporation, a Delaware corporation, on behalf of said corporation.

Given under my hand and official seal of office on this 9th day of April, 1996.

Gail Anne Bates
Notary Public in and for the State of Colorado

My Commission Expires:

MY COMMISSION EXPIRES: May 14, 1997
1314 W. Shepperd Ave., #203B
Littleton, Colorado 80120

GAIL ANNE BATES NOTARY PUBLIC STATE OF COLORADO

The Designation of Successor Operator is hereby approved this **16th day of August, 1996,** for the Communitization Agreements listed on the attached sheet as Exhibit "A".

Acting Superintendent
BIA - Uintah & Ouray Agency

Communitization Agreement

Well Name	Well Location	County	State	Number	Description	Acres	Effective Date
Evans Ute 2-17B3	NWSW, 17-2S-3W	Duchesne	Utah	96104	All Sec. 17-T2S-R3W	640.00	10/01/73
Miles 1-35A4	SWNE, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Miles 2-35A4	NWSW, 35-1S-4W	Duchesne	Utah	9618	All Sec. 35-T1S-R4W	640.00	07/01/70
Brotherson 2-11B4	SESW, 11-2S-4W	Duchesne	Utah	9623	All Sec. 11-T2S-R4W	640.00	09/01/70
Brotherson 2-2B4	NESW, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Brotherson 1-2B4	SWNE, 2-2S-4W	Duchesne	Utah	9635	All Sec. 2-T2S-R4W	684.24	03/29/71
Broadhead 1-21B6	NWNE, 21-2S-6W	Duchesne	Utah	9639	All Sec. 21-T2S-R6W	640.00	10/21/71
Ute Tribal 2-21B6	SESE, 21-2S-6W	Duchesne	Utah	9639	Sec. 21-T2S-R6W	640.00	10/21/71
Ute 1-34A4	SWNE, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Ute Brotherson 2-34A4	NWSW, 34-1S-4W	Duchesne	Utah	9640	All Sec. 34-T1S-R4W	640.00	09/03/71
Rust 2-36A4	NESW, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/71
Ute 1-36A4	NENE, 36-1S-4W	Duchesne	Utah	9642	All Sec. 36-T1S-R4W	640.00	12/08/72
Babcock 1-12B4	SENE, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Babcock 2-12B4	SWSW, 12-2S-4W	Duchesne	Utah	9643	All Sec. 12-T2S-R4W	640.00	02/22/72
Ellsworth 2-9B4	NESW, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Ellsworth 1-9B4	SENE, 9-2S-4W	Duchesne	Utah	9645	All Sec. 9-T2S-R4W	640.00	03/27/72
Burton 2-15B5	NWSW, 15-2S-5W	Duchesne	Utah	9646	All Sec. 15-T2S-R5W	640.00	05/30/72
Ute 1-1B4	SENE, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Ute Jenks 2-1B4	NENW, 1-2S-4W	Duchesne	Utah	9649	All Sec. 1-T2S-R4W	688.00	05/15/72
Tew 2-10B5	SWSW, 10-2S-5W	Duchesne	Utah	9654	All Sec. 10-T2S-R5W	640.00	09/26/72
Goodrich 1-2B3	NWSE, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Goodrich 2-2B3	NENW, 2-2S-3W	Duchesne	Utah	9655	All Sec. 2-T2S-R3W	645.84	09/15/72
Robb 2-29B5	SESW, 29-2S-5W	Duchesne	Utah	9656	All Sec. 29-T2S-R5W	640.00	10/01/72
Ellsworth 1-16B4	NENE, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Ellsworth 2-16B4	NWSW, 16-2S-4W	Duchesne	Utah	9659	All Sec. 16-T2S-R4W	640.00	10/04/72
Lake Fork 2-13B4	SWSW, 13-2S-4W	Duchesne	Utah	9660	All Sec. 13-T2S-R4W	640.00	10/26/72
Jessen 2-21A4	SESW, 21-1S-4W	Duchesne	Utah	9661	All Sec. 21-T1S-R4W	640.00	09/01/72
Jenkins 2-1B3	SWSW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Jenkins 1-1B3	SENW, 1-2S-3W	Duchesne	Utah	9670	All Sec. 1-T2S-R3W	644.92	11/30/72
Birch 3-27B5	SWSW, 27-2S-5W	Duchesne	Utah	9671	All Sec. 27-T2S-R5W	640.00	01/30/73
Lazy K 2-11B3	NWNE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Rudy 1-11B3	NWSE, 11-2S-3W	Duchesne	Utah	9672	All Sec. 11-T2S-R3W	640.00	01/30/73
Brotherson 1-24B4	SWNE, 24-2S-4W	Duchesne	Utah	9674	All Sec. 24-T2S-R4W	640.00	03/13/73
Evans 2-19B3	NESW, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Evans 1-19B3	NENE, 19-2S-3W	Duchesne	Utah	9678	All Sec. 19-T2S-R3W	632.66	01/22/73
Ute 3-12B3	SWNW, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73

Well Name	Well Location	County	State	Communitization Agreement Number	Description	Acres	Effective Date
Jenkins 2-12B3	SENE, 12-2S-3W	Duchesne	Utah	9679	All Sec. 12-T2S-R3W	640.00	04/16/73
Bleazard 2-28B4	NESW, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Ute 1-28B4	SWNE, 28-2S-4W	Duchesne	Utah	9681	All Sec. 28-T2S-R4W	640.00	03/15/73
Murdock 2-34B5	NESW, 34-2S-5W	Duchesne	Utah	9685	All Sec. 34-T2S-R5W	640.00	02/12/73
Ute Tribal 10-13A4	NWNE, 13-1S-4W	Duchesne	Utah	9C-126	All Sec. 13-T1S-R4W	640.00	03/10/74
C.R. Aimes 1-23A4	SENE, 23-1S-4W	Duchesne	Utah	9C133	All Sec. 23-T1S-R4W	640.00	03/01/74
Ute 1-8A1E	SWNE, 8-1S-1E	Uintah	Utah	9C138	All Sec. 8-T1S-R1E	640.00	10/21/74
Ute 2-33Z2	SWSW, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Tribal 1-33Z2	SWNE, 33-1N-2W	Duchesne	Utah	9C140	All Sec. 33-T1N-R2W	640.00	08/01/75
Ute Smith 1-30B5	NESE, 30-2S-5W	Duchesne	Utah	UT080I4987C696	All Sec. 30-T2S-R5W	609.24	06/18/81
Myrin Ranch 2-18B3	NWSW, 18-2S-3W	Duchesne	Utah	UTU70814	All Sec. 18-T2S-R3W	629.70	11/05/92
Ute Tribal 2-22B6	SESE, 22-2S-6W	Duchesne	Utah	UTU73743	Sec. 22-T2S-R6W	640.00	09/06/94
Ute 1-15B6	NWSW, 15-2S-6W	Duchesne	Utah	UTU73964	All Sec. 15-T2S-T6W	640.00	04/11/95

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing: 6-LEC 7-SJ

1-LEC	7-SJ
2-DTS	8-FILE
3-VLD	
4-RJF	
5-LEC	
6-FILM	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

[X] Change of Operator (well sold)
[ ] Designation of Operator
[ ] Designation of Agent
[ ] Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator) COASTAL OIL & GAS CORP
(address) PO BOX 749
DENVER CO 80201-0749

phone (303) 572-1121
account no. N 0230 (B)

FROM (former operator) ANR PRODUCTION CO INC
(address) PO BOX 749
DENVER CO 80201-0749

phone (303) 572-1121
account no. N0675

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: 043-31197	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 3-8-96)

Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-96)

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

N/A 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-11-96)(4-3-96/Indian)(4-15-96/Fee C.A.'s)(8-20-96/Indian C.A.'s)

Lec 6. Cardex file has been updated for each well listed above.

Lec 7. Well file labels have been updated for each well listed above.

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-14-96)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

WE

- OVER -

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 ($80,000) United Pacific Ins. Co.

Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files. * Upon Compl. of routing.

Yes 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date March 11, 1996. If yes, division response was made by letter dated _____ 19___. (Same Bond as Coastal)

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

___ 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

VS 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960311 This change involves Fee lease/non C.A. wells ~~only~~ & State lease wells.
~~C.A.'s Indian lease wells will be handled on separate change.~~
960412 BLM/SL Aprv. C.A.'s 4-11-96.
960820 BIA Aprv. CA's 8-16-96.
960329 BIA Aprv. Indian Lease wells 3-26-96.
71/34-35 *961107 Lomicq 2-5B2/43-013-30784 under review at this time; no dg. yet!

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.
14-20-H62-1712

6. If Indian, Allottee or Tribe Name
Richard Jenks

7. If Unit or CA/Agreement, Name and/or No
N/A

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.
Ute Jenks #2-1B4

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-013-31197

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. PhoneNo. *(include area code)*
(435)-781-7023

10. Field and Pool, or Exploratory Area
Altamont

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec.1, T2S,R4W 500'FNL & 2630'FWL

11. County or Parish, State
Duchesne Utah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[X] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
[ ] Subsequent Report	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Final Abandonment Notice	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[ ] Plug and Abandon	[ ] Temporarily Abandon	
	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or CoommpletedOperation (clearly state all pertinent details, including estimated starting date of any proposed work and approximateduration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final AbandonmentNotices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to Acidize the existing Wasatch perforations in order to increase production and bring back on line.

Please refer to the attached proposed workover procedure.

RECEIVED
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Cheryl Cameron

Title
Environmental Analyst

Date July 20,1999

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WORK OVER PROCEDURE - UTE JENKS 2-1B4

Section 1, T2S, R4W
Altamont Field
Duchesne County, Utah

Location: (Surface) 500' FNL 2630' FWL
(Bottom Hole) 760' FSL 760' FWL

Elevation: 6286' GR 6313' KB

Total Depth: 15,372' MD,13,323' TVD PBTD 15,325' (Top of fish @ 15103)

Casing: **13-3/8"**, 54.5# K-55 set @ 3510' W/2500 sx
9-5/8", 47#, N-80 @ 7943'.
9-7/8", 62.8# CYS-95 set @ 7943'-11,258' w/3000 sx
5-1/2", 20#, P-110 liner set @ 9558'-15,367' w/1050 sx.

Perforations: 11,342' – 14,988', 1,758 holes. (Wasatch)

Tubular Data:

Description	ID inches	Drift inches	Capacity Bbls / ft	Burst psi	Collapse psi
13-3/8", 54.5#, K-55	12.615	12.559	0.15450	2,730	1,400
9-5/8", 47#, N-80	8.681	8.599	0.07320	6,870	4,750
9-7/8", 62.8#, CYS-95	8.560	8.500	0.07110	10,150	9,750
5-1/2", 20#, P-110	4.778	4.653	0.02210	12,640	11,080
3-1/2", 9.3#, P-110	2.992	2.867	0.00870	13,870	14,010
2-7/8", 6.5#, P-105	2.441	2.347	0.00579	14,500	14,600

Present Status:

Shut in. (Pumping unit gear box needs major repair)

UTE JENKS 2-1B4

Procedure

1. MI & RU work over rig. POOH w/ rods and pump. ND well head, NUBOPE. Release TAC @ 10,584'. POOH w/ tbg.

2. RIH w/ 4-5/8" mill & stroke bailer, clean out 5-1/2" liner to top of fish @ 15,103'. **(Note: Tight spot in 5-1/2" liner from 13,365' to 13,386')** POOH & lay down mill & bailer.

3. PU & RIH w/ 5-1/2" packer, 1,700' 2-7/8" 6.5# P-105 tbg & 3-1/2" P-110 tbg. Set packer @ appx. 11,250'.

4. RU Service Co. Hold 500 psi on tbg-csg annulus. Acidize perfs 11,342'- 14,980' w/ 52,500 gallons 15% HCl as per attached schedule. Pump down 3-1/2" tbg @ maximum rate w/ maximum pressure of 9,000 psi.

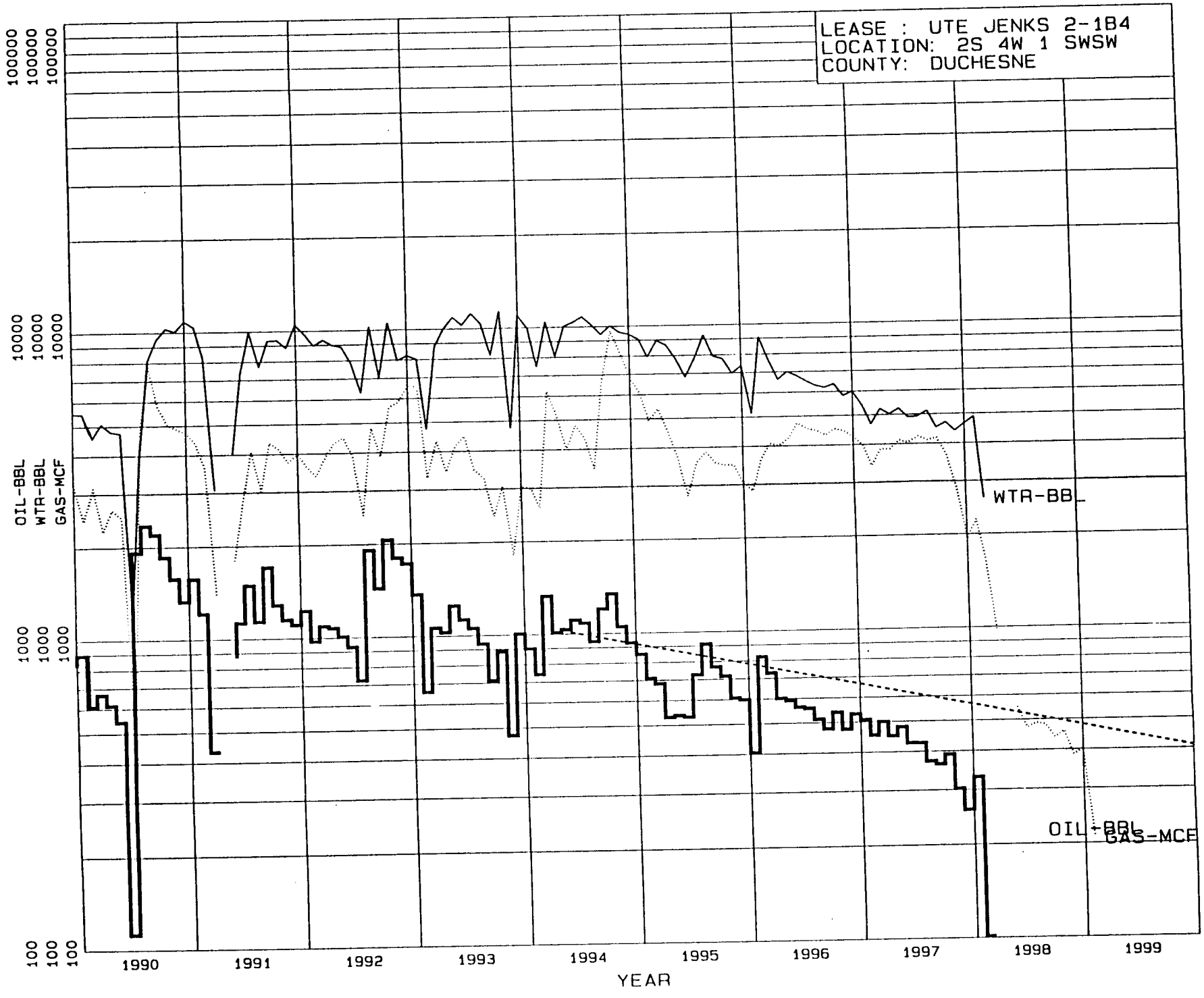
5. Flow / swab back load. Release packer & POOH.

6. RIH w/ pumping BHA, pump & rods. Return well to production.

Well Name: **Ute Jenks 2-1B4**

Fluid Description	Stage (No.)	3% KCl (Gallons)	Gelled 10 ppg Brine (Gallons)	15% HCl Acid (Gallons)	Ball Sealers (No.)
Pad	1	4,000	--	--	--
Diverter	2	--	2,500	--	--
Acid	3	--	--	7,500	375
Diverter	4	--	2,500	--	--
Acid	5	--	--	7,500	375
Diverter	6	--	2,500	--	--
Acid	7	--	--	7,500	375
Diverter	8	--	2,500	--	--
Acid	9	--	--	7,500	375
Diverter	10	--	2,500	--	--
Acid	11	--	--	7,500	375
Diverter	12	--	2,500		--
Acid	13	--	--	7,500	375
Diverter	14	--	2,500	--	--
Acid	15	--	--	7,500	375
Flush	16	7,400	--	--	--
Totals	(gals.) (bbls.)	11,400 271.4	17,500 416.7	52,500 1,250	2,625

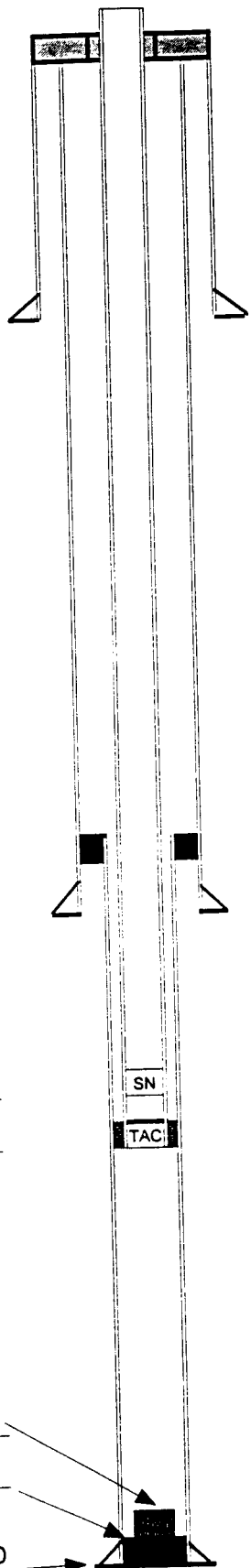
Gelled 10 ppg brine to contain 1 ppg rock salt.
Ball Sealers to be 1.3 SG


LEASE : UTE JENKS 2-1B4
LOCATION: 2S 4W 1 SWSW
COUNTY: DUCHESNE
OIL-BBL
WTR-BBL
GAS-MCF
100000
10000
1000
100
WTR-BBL
OIL-BBL
GAS-MCF
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
YEAR

DATE: 05/19/99 WELL: UTE JENKS 2-1B4 COUNTY: Duchesne SEC: 1
TWS: 2S
FOREMAN: FIELD: Altamont STATE: Utah RGE: 4W

RIG No. _____

KB 27'



13-3/8" Csg @ 3,510

Top of Liner 9,558

9-7/8"Csg @ 11,258

SN @ 10,480

TAC @ 10,584

Top of Fish @ 15,103

Orig. PBTD 15,325

5-1/2" Liner @ 15367 MD / 13316 TVD

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
13-3/8"	54.5	K-55		0	3,510
9-5/8'	47	N-80		0	7,943
9-7/8"	62.8	CYS-95		7,943	11,258
5-1/2"	20	P-110		9,558	15,367

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2-7/8"	6.5#	N-80	8 rd	0	10,587

JTS	PSN	TAC	MUD ANCHOR	
356	10480	10584	Size	3-1/2"
			Length	29'

SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

ROD ROTATOR Yes __ No __

GAS ACHOR Size _____ Length _____

ROD GUIDE PLACEMENT (DESCRIBE):

PUMP DATA:

MANUFR	SIZE	DESCR

SPM _____ SL _____

COMMENTS/PERFORATIONS:

Wasatch Perfs 11,342 - 15,291 (1,116 holes)
This a high angle deviated well.

Need MYT elevators Tbg has beveled collars mixed w/ regular collars

Form 3160-5
(November 1994)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
14-20-H62-1712

6. If Indian, Allottee or Tribe Name
Richard Jenks

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Ute Jenks 2-1B4

2. Name of Operator
Coastal Oil & Gas Corporation

9. API Well No.
43-013-31197

3a. Address
P.O. Box 1148, Vernal UT 84078

3b. Phone No. (*include area code*)
(435)-781-7023

10. Field and Pool, or Exploratory Area
Altamont

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
Sec 1, T2S, R4W 500' FNL& 2630" FWL

11. County or Parish, State
Duchesne Utah

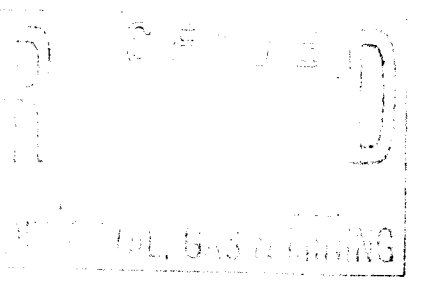
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Workover Recompletion
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

(Stim)

13. Describe Proposed or Coommpleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please refer to the Coastal Oil and Gas Corporation Production Report Chronological History



14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
Ronny Routh, REM, CEA

Title
Sr. Environmental Coordinator

Ronny Routh

Date 10/8/99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

UTE JENKS #2-1B4
ALTAMONT/BLUEBELL FIELD
DUCHESNE COUNTY, UTAH
WI: 79.95% ANR AFE:
TD: 15,372' PBTD: 14,980'
5-1/2" LINER @ 9,558'-15,367'
PERFS: 11,342'-15,291' (WASATCH)

2/4/88	Perf 15,134' - 15,291', 15,126' - 14,629' - 135 holes. SITP = 2400#. Perf Wasatch 14,623' - 13,389' - 378 holes, SITP = 2000#. Set pkr @ 13,290'. Filled tbg w/treating fluid. Break dn Wasatch w/18,000 gals mud clean, ISIP = 3500#.
2/13/88	Acdz w/20,000 gal 15% HCl 1.1 balls. 750 SCF/bbl N_2.
2/23-3/1/88	13,268' - 11,342' (add perfs in U. Wasatch), 3 SPF, 522 holes. Perf Wasatch 13,268' - 11,699', 435 holes, 145 selections. Pmp 16,000 gals mud clean OB w/750 SCF/bbl N_2 & 870 Bail sealers. TC: $114,200
3/7/88	Acdz U. Wastach w/16,000 gals 15% MSR w/900 1.1 BS & 750 SCF N_2/bbl
3/11 - 3/14/88	Pull DR plug across L. Wasatch. Comingle L & U Wasatch. TC: $1,909
3/22 - 3/24/88	Install Hydraulic pmp. TC: $9,600
4/18 - 4/27/88	Install Submersible pmp. Lost fish. Left junk in hole top @ 15,103'. TC: $218,800
5/10 - 5/13/88	Replace Submersible. TC: $10,500
3/24 - 3/27/89	POOH CO cavity & pkr, recover fish. SV & bombs fell dn tbg. TC: $10,456
6/13 - 6/23/89	BHP survey & mud removal. POOH w/pkr & hyd pmp cavity. Set 5-1/2" RBP on wireline. Stuck @ 13,277'. Set RBP @ 13,342'. Dmp 20' sand on top of RBP. RIH w/10,000 psi Tandem BHP. Swb tst 12,300 to 12,100'. TC: $55.3M
7/24/89	POOH w/prod. equip. Set RBP @ 12,840'. Spot 1 sx sand on RBP. Set pkr @ 12,798', swb. Retrieve RBP @ 12,300'. RIH & set RBP @ 11,880'. Set pkr @ 11,830'. Start swb. POOH w/pkrs. Set pkr @ 11,580'. Return to prod. TC: $54.3M
7/3 - 7/15/90	POOH w/tbg. RIH w/4-1/2 mill & Drilex mud motor. CO to 15,036', lost circ. Latch on RBP. POOH cont CO. Perf from 11,342' - 14,924', 288 holes. Acdz 11,342' - 15,090' w/48,000 gals 15% HCl w/1.1 BS & diverters. AIR 40 BPM. ISIP 3200#. Good ball action. Set pkr @ 11,173'. Run Prism log. TC: $218,001

UTE JENKS 2-1B4

3/15 - 3/21/91	POOH w/prod equip. RIH w/9-5/8" csg scraper. Had trouble getting in well due to wax. Set RBP @ 9671'. Tbg plugged. Press tst csg to 3000 psi. Lost 200 psi in 10 min. ND WH. TC: $23,775
5/9 - 5/20/91	(Check csg leak & acdz) POOH w/tbg. CO csg to 11,341' Rls RBP. Set pkr @ 9600'. Acdz perfs w/20,000 gals 15% HCl. Rls pkr & RIH w/prod equip. TC: $112,662
10/23/91	Scale sqz. TC: $6,335
6/30 - 7/14/92	Install Rotoflex, CO & acdz. CO 5" liner. Tag tight spot @ 13,365' fell through @ 13,386'. Tag @ 13,917'. CO to 15,000'. Acdz perfs from 11,342' - 14,980' w/20,000 gals 15% HCl w/add, BAF, RS & 1800 1.1 sg BS's. DN csg. MTP 3800 psi, BPM 65. ATP 3650, ATR 60 BPM. God diversion. RIH w/TAC. Set @ 10,617'. SN @ 10,511'. RIH w/rods. Stuck pmp @ 10,182', back off rods. POOH w/rods & tbg. LD last 16 jts of tbg. PU new jts of yellow band. Set TAC @ 10,479'. RIH w/rods. Still unable to stroke pmp. POOH w/rods. Swb well for day. RIH. TC: $167,390 (excludes cost of Rotaflex??)
9/17 - 9/18/92	No Part. Unable to unseat pmp. Finally unseat. Small pieces of rubber in pmp screen. Flush tbg w/110 gals scale inhibitor. TC: $5,406
9/30/92	Replace bent polish rod after crash. TC: $1,930
2/23 - 2/25/93	No Part. Dnhole equip. plugged. NO scale or corrosion found in btm hole assembly. RIH & set TAC @ 10,584'. TC: $11,690
3/16 - 3/17/93	Prtd polish rod. TC: $4,936
4/12 - 4/13/93	7/8" body break @ 4204' 4' dn on rod #35 1991 EL. TC: $7,596
9/20 - 9/21/93	No Part. POOH w/rods. Rods were sticking. RIH w/backwash valve. RIH w/1-3/4" pmp. TC: $8,278
11/10/93	No Part. Replace pmp. Replace 41 - 1" rods w/cracked guides.
11/15 - 11/16/93	PU 40 - 1" w/Huber guides & 1 - 1" w/4 Patco guides. *Note: Jim Smith said he would give us credit for cracked guides 11/8/93.* TC: $16,835
12/3 - 12/4/93	No Part. Pmp leaking slightly. POOH & install new pmp. TC: $5,545
2/12/94	No Part. Changed out 1-3/4" pump. TC $5,400
4/27/94	No Part. Replace Pump. Back wash valve on old pump was almost unscrewed. RIH without back wash valve.
5/19-20/94	No part. Something wrong with pump. Found nut on traveling valve had backed off. TC: $4,508

UTE JENKS 2-1B4

7/21-22/95 Polished rod part. XO 39-1" rods. RIH w/1-3/4" pump.
TC: $14,730

12/3-5/95 7/8" coupling break @ 6425'. 1991 EL. Replace 2 3/4" rods.
TC: $8,935

12/12/95 NO part . RIH w/ new pump. TC: $4,455

1/16/96 No part. Rods stuck. Flush tbg & POOH w/ rods RIH w/ new pump.
TC: $4,810

2/1-2/96 No part press test tbg to 1000 psi. Lost 100 psi in 15 min. RIH w/ new pump
TC: $5,530

CO / ACIDIZE - AFE #

8/5/99 POOH W/RODS & TBG. MIRU. TEST TBG TO 500#, UNSEAT PUMP & POOH W/RODS. XO TO TBG EQUIP. ND WH, NU BOP'S. UNSEAT 5 1/2" AC @ 10,586'. POOH W/TBG. EOT - 3,400'. (DAY 1) TC:$5,222

8/6/99 **PREP TO CO.**
POOH W/TBG. PU & RIH W/4 5/8" MILL & CO TOOLS. TAG FILL @ 12,204'. SDFN.
(DAY 2) TC:$9,140

8/7/99 **C/O acidize.** POOH, LD 10 jts 2 7/8" tbg. RIH w/ 5 stds. RU drilling equipment. Tag @ 12208', mill to 12346', 138' fell thru. RIH tag @ 12902'. Mill to 12922', bailer quit. POOH 2 jts full of scale, 18 jts full of mud, SDFN. (Day 3) TC: $18,042

8/8/99 **C/O acidize.** PU 4 5/8" mill & C/O tools. RIH w/ tbg, tag @ 12922'. RU PS start drilling @ 12922'. Drill and stroke dwn to 13078'. LD PS, POOH w/ 36 jts, EOT @ 11972'. SDFN. (Day 4) TC: $23,171

8/10/99 **C/O acidize.** RIH w/ tbg, tag @ 13078'. RU PS C/O 22' in 2 hrs to 13100'. Quit making hole, RD PS. POOH w/ tbg. Mill shows wear and indicates milling on metal. PU 4 5/8" mill & C/O tools. RIH w/ tbg, EOT 9000'. SDFN. (Day 5) TC: $28594

8/11/99 **C/O acidize.** RIH w/ tbg @ 13100' mill & bale to 13117', 17' in 8 hrs. RD PS POOH w/ 2 7/8" tbg. EOT @ 9100'.
(Day 6) TC: $34,825

8/12/99 **C/O acidize.** POOH w/ C/O tools & mill, outside edge of mill worn. PU RIH & dump bale acid on scale @ 13120'. (12 gals 15% HCL) POOH PU RIH w/ 4 5/8" rock bit & C/O tools. Tag @ 13117'. RU PS fell out @ 13130'. RIH tag @ 13338' mill to 13344'. RD PS. POOH w/ 12 jts tbg. EOT @ 12967'. SDFN (Day 7) TC: $42,994

8/13/99 **C/O acidize.** RIH tag @ 13344' RU PS. Drill on scale, made no hole. LD PS POOH w/ tbg, 4 5/8" bit w/ 1/2 cones wore off & plugged, 2 jts full of scale. (Day 8) TC: $48,330

8/14/99 **C/O acidize.** PU RIH w/ 4 5/8" drag bit & bumper sub. RIH to 13313'. RU Dowell spot 20 bbls 15% HCL and 6 bbls TPW to 13313'. PU PS RIH tag @ 13344'. Mill thru scale and tight spots. Spoting acid to 13861'. Quit drilling, flush tbg w/ TPW. POOH btm 2' of

bumper sub parted. Left in hole 2' of BS. X/O 2 jts 2 7/8" tbg. Bit sub & 4 5/8" drag bit. Pmp 100 bbls TPW dwn csg. PU RIH w/ O/S w/ 3 3/4" grapple. X/O bumper sub, jars, X/O on tbg EOT @ 9300'. (Day 9) TC: $55,053

8/15/99 **C/O acidize.** Fin RIH w/ 2 7/8" tbg & fishing tools. Went thru tight spot @ 13360' to 13401'. Could not get thru tight spot @ 13460', had to jar out @ 20000# over string wt to get out. RD swivel, POOH w/ 2 7/8" tbg & fishing tools. No marks on fishing tools. PU 4 - 1/2" O/S w/ 3 - 3/4" grapple. 1 jt 2 - 7/8" tbg, 3 - 1/8" bumper sub, 1 jt 2 - 7/8" tbg, 3 - 1/8" jars. RIH w/ 2 - 7/8" tbg. Tag @ 13460'. Set dwn w/ 30000#. Slide dwn 3', jarred 30000# over, 8 times to get free. POOH EOT @ 11026'. SDFWE. Tight spots f/ 13360' - 13401' @ 13360' - 13465'. (Day 10) TC: $65,763

8/17/99 **C/O acidize.** POOH LD 173 jts 2 7/8" work string, jars, bumper sub & O/S. PU RIH w/ 5 1/2" HD pkr, SN, 55 jts 2 7/8" P-110 tbg, no-go & 165 jts 3 1/2" N-80 tbg. EOT @ 6798'. (Day 11) TC: $74,659

8/18/99 **C/O acidize.** PU RIH w/ 3 1/2" N-80 tbg. Set 5 1/2" pkr @ 11,259' w/ 30000# compression. RU pmp line, fill csg w/ 634 bbls TPW, test to 1500# - held. SDFN. (Day 12) TC: $78,287

8/19/99 **C/O acidize.** MIRU Dowell, acidize perf f/ 11342' - 14988' w/ 42000 gals 15% HCL & 2100 1.3 S.G. BS. Flush w/ 185 bbls 3% KCL. TL 1795 bbls, ISIP 1550#, Max / avg psi 9041' / 7100#, max / avg rate 35 / 22 BPM. 5 /10 / 15 min SI, 1035/ 627/ 265#. Div excellent. RDMO Dowell, RU swab equip, IFL 4900', FFL 6900'. Swab 8 hrs, rec 118 bbls, 10% final oil cut, PH 1. Heavy gas cut disp tbg w/ 40 bbls TPW. SDFN. (Day 13) TC: $165,851

8/20/99 **C/O acidize.** SITP 350#. Rels pkr, POOH LD 3 1/2" N-80 tbg. LD 2 7/8" tbg & 5 1/2" pkr. PU RIH w/ solid plug, 1 jt tbg, 3 1/2" PBGA, pup jt, +45 SN, 7 jts tbg, 5 1/2" AC. EOT @ 2500'. SDFN. (Day 14) TC: $171,113

8/21/99 **C/O acidize.** SITP 200#, F/ RIH w/ tbg, set A/C @ 10234'. SN @ 10451'. EOT @ 10520' ND BOP. NU WH, PU 2 1/2" X 1 3/4" pmp. RIH w/ rods, seat pmp @ 10451'. Fill tbg w/ 42 bbls TPW. Test to 800# - held. RD slide in rotaflex. PBOP @ 5 P.M. (Day 15) TC: $180,399

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Exhibit "A"

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER: 435-789-4433

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

(5/2000)

(See Instructions on Reverse Side)

State of Delaware

Office of the Secretary of State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 – 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

File Copy

United States Department of the Interior
BUREAU OF INDIAN AFFAIRS
Uintah and Ouray Agency
P. O. Box 130
988 South 7500 East
Fort Duchesne, Utah 84026-0130
Phone: (435) 722-4300 Fax: (435) 722-2323

IN REPLY REFER TO:
Minerals and Mining
Phone: (435) 722-4310
Fax: (435) 722-2809

August 16, 2001

El Paso Production Company
Attn: Elizabeth R. Williams
Nine Greenway Plaza
Houston, TX 77046-0995

Dear Mrs. Williams:

We are in receipt of the corporate documentation for the name change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company.

All documents appear to be in order, and the approval is hereby authorized to change all records, including change of operator of certain oil and gas wells, Rights-of-Way, Communitization Agreements, Oil and Gas Leases, Exploration and Development Agreements, etc. from Coastal Oil & Gas Corporation to "El Paso Production Oil and Gas Company".

Approval of this name change is August 16, 2001, but effective on March 9, 2001. If you have any questions, please do not hesitate to contact this office.

Respectfully,

Charles H Cameron

Acting Superintendent

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
JUL 12 2001
DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entitities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.

Opolonia L. Abeyta

Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure
1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH		4-KAS
2. CDW✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change (Only) — **X** **Merger**

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No. **Unit:**

WELL(S)

NAME		API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
UTE UNIT 1-36A4	(CA 96-42)	43-013-30069	1580	36-01S-04W	INDIAN	OW	P
UTE 1-06B2		43-013-30349	1895	06-02S-02W	INDIAN	OW	P
UTE 2-6B2		43-013-31140	11190	06-02S-02W	INDIAN	OW	P
MARQUERITE UTE 1-8B2		43-013-30235	5430	08-02S-02W	INDIAN	OW	S
CAMPBELL UTE 1-12B2	(CA 96-90)	43-013-30237	5300	12-02S-02W	INDIAN	OW	S
UTE TRIBAL U 6-7B3	(CA 96-75)	43-013-30211	5700	07-02S-03W	INDIAN	OW	S
UTE 3-12B3	(CA 96-79)	43-013-31379	11490	12-02S-03W	INDIAN	OW	P
UTE TRIBAL 1-13B3	(CA 96-92)	43-013-30251	5605	13-02S-03W	INDIAN	OW	P
EVANS UTE 1-17B3	(CA 96-104)	43-013-30274	5335	17-02S-03W	INDIAN	OW	P
UTE UNIT 1-01B4	(CA 96-49)	43-013-30129	1700	01-02S-04W	INDIAN	OW	P
UTE-JENKS 2-1-B4	(CA 96-49)	43-013-31197	10844	01-02S-04W	INDIAN	OW	P
UTE 1-28B4	(CA 96-81)	43-013-30242	1796	28-02S-04W	INDIAN	OW	S
UTE 2-22B5		43-013-31122	10453	22-02S-05W	INDIAN	OW	P
MURDOCK 2-34B5	(CA 96-85)	43-013-31132	10456	34-02S-05W	INDIAN	OW	P
UTE 2-21B6	(CA 96-39)	43-013-31424	11615	21-02S-06W	INDIAN	OW	S
UTE 2-22B6	(CA 73743)	43-013-31444	11641	22-02S-06W	INDIAN	OW	P
UTE TRIBAL 1-27B6		43-013-30517	11166	27-02S-06W	INDIAN	OW	S
UTE 2-27B6		43-013-31449	11660	27-02S-06W	INDIAN	OW	P
UTE TRIBAL 1-28B6		43-013-30510	11165	28-02S-06W	INDIAN	OW	P
UTE TRIBAL 2-28B6		43-013-31434	11624	28-02S-06W	INDIAN	OW	S

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 08/16/2001

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 08/16/2001

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 08/29/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 08/29/2001

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: 103601473

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Uinta & Ouray Indian Tribe

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Ute Jenks 2-1B4 G

2. NAME OF OPERATOR: El Paso E & P Company, LP

9. API NUMBER: 4301331197

3. ADDRESS OF OPERATOR: 1099 18th St Ste 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 291-6417

10. FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 500 FNL & 760 FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Lot3 1 T2S R4W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 12/15/2008	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☑ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

El Paso requests approval to recomplete the subject well according to the attached procedure.

COPY SENT TO OPERATOR
Date: 11.25.2008
Initials: KS

NAME (PLEASE PRINT) Marie OKeefe TITLE Sr. Regulatory Analyst

SIGNATURE Marie OKeefe DATE 11/12/2008

(This space for State use only)

Accepted by the Utah Division of Oil, Gas and Mining
Date: 11/20/08
By:

Federal Approval Of This Action Is Necessary

(See Instructions on Reverse Side)

RECEIVED
NOV 13 2008
DIV. OF OIL, GAS & MINING

(5/2000)

elpaso Production

RECOMPLETION PROGNOSIS

UTE JENKS 2-1B4

API #: 4301331197
SEC 1-T2S-R4W
DUCHESNE COUNTY, UT

WELL DATA:
ELEVATIONS: GL 6,281' KB 6,313'
FORMATION TOPS: GREEN RIVER TN1 7,380; TGR3 @ 9,742'; WASATCH @ 11,292'
BHT 223 DEG F @ 11,234' 12/87
TOTAL DEPTH: 15,372'
PBTD: 15,325'
HOLE/CASING SIZES:

17-1/2" hole	13-3/8" 54.5# K-55 @ 3,504' with 2500 SXS cement
12-1/4" hole	9-5/8", 9 7/8" 47, 62.8# N-80, CYS 95 @ 11,258' with 3000 SXS TOC @ 9,820' CBL 2/88
8-1/2" hole	5 ½" 20, 23# P110, S95 @ 15,367' with 1220 SXS cement
	5 ½" 20, 23# P110, S95 TOL @ 9,544'

PERFS: 11,342-14,988'

PACKERS & PLUGS:
NONE

WELL IS PRODUCING AT 5-20 BOPD, 30 MCFPD, AND 325+ BWPD

RECOMPLETION PROGNOSIS:

1. MIRUPU. Blow well down to tank. Release pump and lay down rods and pump. Remove wellhead equipment and NU 5000# BOPE. Flush TBG clean.

2. Release TAC @ 10,234' & tally out of hole w/ 2 7/8" 6.5# N80 TBG and BHA. PU 8.5" bit with 9 5/8" scraper. TIH to TOL @ 9,544'. TOOH.

3. RIH W/ 4.5" bit & 5 1/2" scraper to 11,365'. TOOH.

4. RU WL and confirm top perf @ 11,342 w/ CCL. RIH w/ 5 1/2" CIBP to 11,335'. Dump 5' cement on top.

5. Pressure test casing to 1,500 PSI. If casing does not test, isolate leak, squeeze and drill out. Re-test to 1,500 PSI. ND 5,000 PSI BOPE. NU 10,000 PSI BOPE and test to 9,975 PSI for 15 min.

6. RU WL and perforate LGR stage 1 interval (10,961-11,319' OWP 2-03-88) per attached perf sheet with 3 1/8" HSC guns loaded 3 SPF as noted on perforation chart, 120 degree phasing w/ 22.7 gram premium charges. Record any pressure changes.

7. RIH w/ 9 7/8" treating PKR with circulating port and 4 ½" 12.75# N80 frac string. Set PKR 150' above top perforation at approximately 10,810' and install frac valve.

8. RDMOL.

STAGE 1 STIMULATION OF LGR 10,961-11,319'

9. MIRU Stimulation company.

   Base fluid is fresh water w/ 2% KCL substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company and heated to 120 degrees F. Estimated BHST is 222 degree F at 11,142' mid perfs. Maximum allowable treating pressure is 8,400 PSI. Anticipated frac gradient is .75 psi/ft. Pressure annulus to 1,000 PSI.

   Break down perforations w/ 5,000 gallons 15% HCL at 20-30 BPM. Run 90 bio-ball sealers evenly spaced in acid (balls @ 75% # perfs). Overflush acid w/ 10 bbls treated 2% KCL water to bottom perf. Shut down and monitor ISIP, 5, 10, 15 min shut in pressures. Remove ball guns and re-test lines to 9,500 PSI.

   Pump fracture treatment per attached treatment schedule & hold 1,000 PSI on annulus. Flush to top perf marking flush @ 1 PPG @ wellhead densitometer. Monitor ISIP, 5, 10, 15 minute shut-in and record. Tag job w/ RA#1 in 1.0 PPG, RA #2 in 2.0 PPG and RA #3 in 3&4 PPG stages.

10. Flow test well for 24 hours recording hourly rates and pressures.

11. RU WL. RIH w/ sinker bar and determine PBTD. Run Pro Technics tracer and production log over treated interval.

12. MIRUPU.

13. Open by-pass on PRK and kill well. Release PKR and LD 4 ½" 12.75# N80 frac string.

14. RIH w/ 9 7/8" 10K CBP to 10,900' and add 10' cement on top. Pressure test casing to 1,500 PSI.

15. RU WL and perforate LGR stage 2 interval 10,367-10,748' per attached perf sheet with 3 1/8" HSC guns loaded 3 SPF as noted on perforation chart, 120 degree phasing w/ 22.7 gram premium charges. Record any pressure changes.

16. RIH w/ 7" treating PKR with circulating port w/ 4 ½" 12.75# N80 frac string. Set PKR 150' above top perforation at approximately 10,217' and install frac valve.

STAGE 2 STIMULATION OF GREEN RIVER 10,367-10,748'

17. MIRU Stimulation company.

    Base fluid is fresh water w/ 2% KCL substitute, scale inhibitor, biocide, and 2.0 gpt MA-844 provided by frac company and heated to 120 degrees F. Estimated BHST is 150 degree F at 10,691' mid perfs. Maximum allowable treating pressure is 8,500 PSI. Anticipated frac gradient is .75 psi/ft. Pressure annulus to 1,000 PSI.

    Break down perforations w/ 5,000 gallons 15% HCL at 20-30 BPM. Run 43 Bio-ball sealers evenly spaced in acid (balls @ 75% # perfs). Overflush acid w/ 10 bbls treated 2% KCL water to bottom perf. Shut down and monitor ISIP, 5, 10, 15 min shut in pressures. Remove ball guns and re-test lines to 9,500 PSI.

    Pump fracture treatment per attached treatment schedule & hold 1,000 PSI on annulus. Flush to top perf marking flush @ 1 PPG @ wellhead densitometer. Monitor ISIP, 5, 10, 15 minute shut-in and record. Tag job w/ RA#1 in 1.0 PPG, RA #2 in 2.0 PPG and RA #3 in 3&4 PPG stages.

18. Flow test well for 24 hours recording hourly rates and pressures.

19. RU WL. RIH w/ sinker bar and determine PBTD. Run Pro Technics tracer and production log over treated interval.

20. Open by-pass on PRK and kill well. Release PKR and LD 4 ½" 12.75# N80 frac string.

21. PU 2 7/8" TBG with 4 1/8" bit and 5" scraper and drill up CBP @ 10,900'. Clean out well to PBTD @ 11,335'. TOOH. RDMOL.

22. MIRUPU. Run production assembly and RTP.

23. RDMOL and clean up location.

UTE JENKS 2-1B4 DESIGN TREATMENT SCHEDULE STAGE 1

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc (ppg)	Stage Prop. (klbs)	Slurry Rate (bpm)	Proppant Type
Wellbore Fluid			2% KCL	7134				
1	Main frac pad	2:22	VIKING_3000	5000	0.00	0.0	50.00	
2	Prop slug	9:41	VIKING_3000	15000	0.50	7.5	50.00	100-Mesh
3	Main frac pad	12:03	VIKING_3000	5000	0.00	0.0	50.00	
4	Main frac slurry	21:56	VIKING_3000	20000	1.00	20.0	50.00	SinterLite Bauxite 20/40
5	Main frac slurry	34:42	VIKING_3000	25000	2.00	50.0	50.00	SinterLite Bauxite 20/40
6	Main frac slurry	42:37	VIKING_3000	15000	3.00	45.0	50.00	SinterLite Bauxite 20/40
7	Main frac slurry	46:43	VIKING_3000	7500	4.00	30.0	50.00	SinterLite Bauxite 20/40
8	Main frac flush	50:07	LINEAR_20_GW-32	7134	0.00	0.0	50.00	

Design clean volume (bbls) 2372.2
Design slurry volume (bbls) 2506.0
Design proppant pumped (klbs) 152.5

UTE JENKS 2-1B4 DESIGN TREATMENT SCHEDULE STAGE 2

Stage #	Stage Type	Elapsed Time min:sec	Fluid Type	Clean Volume (gal)	Prop Conc (ppg)	Stage Prop. (klbs)	Slurry Rate (bpm)	Proppant Type
Wellbore Fluid			2% KCL	6901				
1	Main frac pad	2:22	VIKING_3000	5000	0.00	0.0	50.00	
2	Prop slug	9:41	VIKING_3000	15000	0.50	7.5	50.00	100-Mesh
3	Main frac pad	12:03	VIKING_3000	5000	0.00	0.0	50.00	
4	Main frac slurry	21:56	VIKING_3000	20000	1.00	20.0	50.00	SinterLite Bauxite 20/40
5	Main frac slurry	34:42	VIKING_3000	25000	2.00	50.0	50.00	SinterLite Bauxite 20/40
6	Main frac slurry	42:37	VIKING_3000	15000	3.00	45.0	50.00	SinterLite Bauxite 20/40
7	Main frac slurry	46:43	VIKING_3000	7500	4.00	30.0	50.00	SinterLite Bauxite 20/40
8	Main frac flush	50:00	LINEAR_20_GW-32	6901	0.00	0.0	50.00	

Design clean volume (bbls) 2366.7
Design slurry volume (bbls) 2500.5
Design proppant pumped (klbs) 152.5

UTE JENKS 2-1B4
STAGE 1 PROPOSED PERFS 10961-11319'

OWP CBL 2-3-88		SHOTS	
10961	10962	3	
10971	10972	3	
11049	11050	3	
11054	11055	3	
11063	11064	3	
11075	11077	6	
11084	11085	3	
11088	11089	3	
11099	11100	3	
11109	11110	3	
11118	11119	3	
11128	11129	3	
11138	11139	3	MID PT 11,142' 222 DEG F
11145	11146	3	
11153	11154	3	
11169	11171	6	
11175	11176	3	
11182	11183	3	
11191	11192	3	
11201	11202	3	
11203	11204	3	
11215	11217	6	
11220	11222	6	
11227	11228	3	
11247	11248	3	
11262	11264	6	
11267	11269	6	
11278	11279	3	
11285	11286	3	
11296	11298	6	
11307	11309	6	
11318	11319	3	

FEET PERFS	40
BIOBALLS @ 75%	120

UTE JENKS 2-1B4
STAGE 2 PROPOSED PERFS 10367-10748'

OWP CBL 2-3-88		SHOTS	
10367	10369	6	
10384	10386	6	
10518	10520	6	
10530	10531	3	
10538	10540	6	
10545	10546	3	
10557	10559	6	MID PT 10,559' 214 DEG F

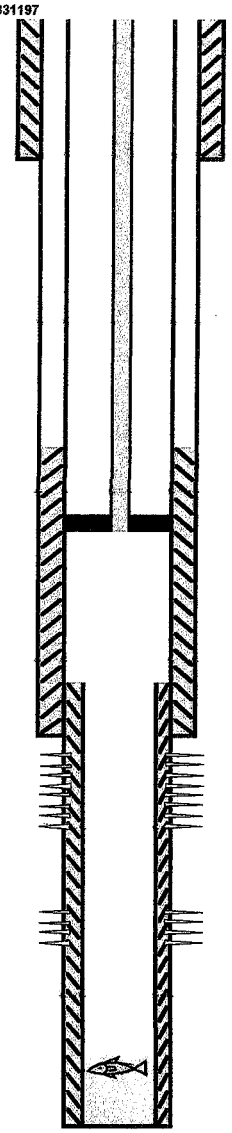
10613	10614	3
10626	10628	6
10661	10662	3
10701	10702	3
10707	10708	3
10747	10748	3

FEET PERFS	19
BIOBALLS @ 75%	57

WELL NAME: UTE JENKS 2-1B4

WELL AS IS

SEC 1, T2S, R4W
DUCHESNE COUNTY
API #4301331197
GL 6281'
KB 6313'



HOLE SIZE	PIPE SIZE	WEIGHT	GRADE		SET DEPTH
30'	20"	94#		330 SX	76'
17 1/2"	13 3/8"	54.5#	K55	2500 SX	3504'
12 1/4"	9 5/8", 9 7/8"	47#, 62.8#	N80, C95	3000 SX	11258'
TOL	5 1/2"	20#, 23#	P110, S95		9544'
8 1/2"	5 1/2"	20#, 23#	P110, S95	1220 SX	15367'

SURFACE	13 3/8"	54.5#	K55	2500 SX	3504'

GRTN1 @ 7380'

TGR3 @ 9742'

TOC @ 9820' CBL 2/88

9 7/8" TAC @ 10234' 8/99
EOT @ 10520' 8/99

PERFORATIONS			
PERFS	13389'-15291'		2/88
ACID		20,000 GAL 15%	2/88
PERFS	11699'-13286'		3/88
ACID		16,000 GAL 15%	3/88
PERFS	11342'-14924'		7/90
ACID		48,000 GAL 15%	7/90
ACID		20,000 GAL 15%	5/91
ACID		20,000 GAL 15%	7/92
ACID		42,000 GAL 15%	8/99
OPEN PERFS	11342'-14988'		

TOL	5 1/2"	20#, 23#	P110, S95	5/89	9544'
INTERMEDIATE	9 5/8", 9 7/8"	47#, 62.8#	N80, C95	3000 SX	11258'

WASATCH @ 11292'

PERFS	11342'-14922'	7/90			
PERFS	11699'-13286'	3/88			
PERFS	13389'-15291'	2/88			

TOF		15100'	4/88		
PBTD		15325'	2/88	14988'	2/92
LINER	5 1/2"	20#, 23#	P110, S95	1220 SX	15367'
TD		15372'			

BMSGW @ 3363'
BHT 223 ° F @ 11,234' 12/87

NOTE: NOT TO SCALE

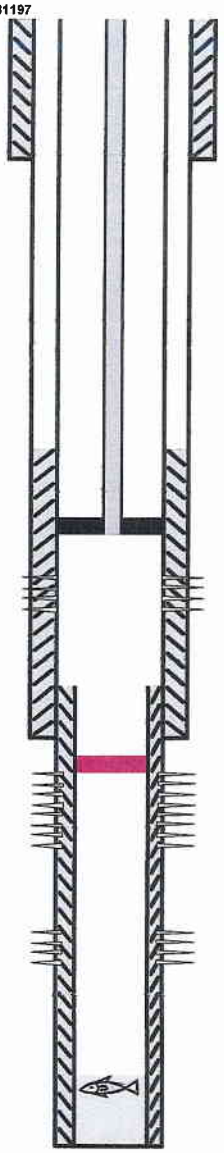
TBG DETAIL 8/99

HIGH ANGLE DIRECTIONAL WELL FROM 9500'-15372' 5-55°
5 1/2" SPLIT 13384'-13386' 5/89
5 1/2" TIGHT SPOTS 13365'-13386' 4 5/8" MILL 7/92
5 1/2" TIGHT SPOTS 13360'-13401', 13460, 30000# JAR 8/99
CBL BOND 9550'-9820 POOR
CBL BOND 9820'-10890 FAIR
CBL BOND 10890'-11320' GOOD

WELL NAME: UTE JENKS 2-1B4

PROPOSED RECOMPLETION

SEC 1, T2S, R4W
DUCHESNE COUNTY
API #4301331197
GL 6281'
KB 6313'



HOLE SIZE	PIPE SIZE	WEIGHT	GRADE		SET DEPTH
30'	20"	94#		330 SX	76'
17 1/2"	13 3/8"	54.5#	K55	2500 SX	3504'
12 1/4"	9 5/8", 9 7/8"	47#, 62.8#	N80, C95	3000 SX	11258'
TOL	5 1/2"	20#, 23#	P110, S95		9544'
8 1/2"	5 1/2"	20#, 23#	P110, S95	1220 SX	15367'

SURFACE	13 3/8"	54.5#	K55	2500 SX	3504'

GRTN1 @ 7380'

TGR3 @ 9742'

TOC @ 9820' CBL 2/88

9 7/8" PACKER W/ 4.5" 12.75# N80 @ 10810
7" TAC @ 10234' 8/99
EOT @ 10520' 8/99

PROPOSED PERFS 10961-11319

TOL	5 1/2"	20#, 23#	P110, S95	5/89	9544'
INTERMEDIATE	9 5/8", 9 7/8"	47#, 62.8#	N80, C95	3000 SX	11258'

WASATCH @ 11292'
PROPOSED CBP @ 11335' W/ 5' CEMENT

PERFS	11342'-14922'	7/90			
PERFS	11699'-13286'	3/88			
PERFS	13389'-15291'	2/88			

TOF		15100'	4/88		
PBTD		15325'	2/88	14988'	2/92
LINER	5 1/2"	20#, 23#	P110, S95	1220 SX	15367'
TD		15372'			

BMSGW @ 3363'
BHT 223 ° F @ 11,234' 12/87

PERFORATIONS			
PERFS	13389'-15291'		2/88
ACID		20,000 GAL 15%	2/88
PERFS	11699'-13286'		3/88
ACID		16,000 GAL 15%	3/88
PERFS	11342'-14924'		7/90
ACID		48,000 GAL 15%	7/90
ACID		20,000 GAL 15%	5/91
ACID		20,000 GAL 15%	7/92
ACID		42,000 GAL 15%	8/99
OPEN PERFS	11342'-14988'		

PROPOSED RECOMPLETION		
PROPOSED CBP	11335'	W/ 5' CEMENT
STAGE #1		
PROPOSED PERFS	10961-11319	
STAGE 2		
PROPOSED PERFS	10367-10748	

NOTE: NOT TO SCALE

TBG DETAIL 8/99

HIGH ANGLE DIRECTIONAL WELL FROM 9500'-16372' 5-55°
5 1/2" SPLIT 13384'-13386' 5/89
5 1/2" TIGHT SPOTS 13365'-13386' 4 5/8" MILL 7/92
5 1/2" TIGHT SPOTS 13360'-13401', 13460, 30000# JAR 8/99
CBL BOND 9550'-9820 POOR
CBL BOND 9820'-10890 FAIR
CBL BOND 10890'-11320' GOOD
9 5/8" 47# N80 @ 7943' ID 8.681, DRIFT 8.525"
9 7/8" 62.8# CYS-95 @ 7943'-11,258' ID 8.625, DRIFT 8.500"

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

5. Lease Serial No.
14-20-H62-1782

6. If Indian, Allottee or Tribe Name
Uinta & Ouray Indian Tribe

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Ute Jenks 2-1B4

2. Name of Operator
El Paso E&P Company, LP

9. API Well No.
4301331197

3a. Address
1099 18th St. Ste 1900 Denver, CO. 80202

3b. Phone No. *(include area code)*
303.291.6417

10. Field and Pool or Exploratory Area
Altamont

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
500 FNL & 2380 FWL Lot 3 1-2S-4W

11. Country or Parish, State
Duchesne, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☑ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

ELPASO RECOMPLETED SUBJECT WELL PER THE ATTACHED REPORT. JOB COMPLETE 4/5/09.
PERFORATED 10961-11319' CIBP 11335' 5'CMT
EOT 10558'

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
Marie OKeefe

Title Sr. Regulatroy Analyst

Signature Marie OKeefe

Date 06/17/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 23 2009
DIV. OF OIL, GAS & MINING

EL PASO PRODUCTION

Operations Summary Report

Legal Well Name: UTE JENKS 2-1B4G
Common Well Name: UTE JENKS 2-1B4G
Event Name: RECOMPLETION
Contractor Name: BASIC WELL SERVICE
Rig Name: BASIC

Start: 3/25/2009
Rig Release: 3/27/2009
Rig Number: 1480

Spud Date: 10/26/1987
End: 4/5/2009
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/27/2009	06:00 - 09:30	3.50	C	01		CT & TGSM (R/D ROTO-FLEX UNIT) R/D ROTOFLEX UNIT SPOT IN & RIG UP.
	09:30 - 11:00	1.50	C	08		UNSEAT PUMP L/D P-ROD & SUBS, FLUSH TBG & RODS W/ 60 BBLS TPW.
	11:00 - 13:30	2.50	C	04		POOH W/ 134 1", 241 7/8", 39 1", RETIRE ROD PUMP.
	13:30 - 16:30	3.00	C	15		C/O TO TBG EQ., B/D CSG, N/D WELL HEAD, RELEASE TAC, N/U BOPS, R/U WORKFLOOR & TBG EQ.,
	16:30 - 19:00	2.50	C	04		POOH W/ 80 JTS 2-7/8" 8RD EUE TBG, EOT @ 8025'. SWIFD CSDFD CT.
3/28/2009	06:00 - 10:00	4.00	C	04		CT & TGSM (POOH W/ TBG) BWD POOH W/ 247 JTS 2-7/8" 8RD EUE TBG, 5-1/2" TAC, 7 JTS, + 45 PSN, 6' SUB, 3-1/2" PBGA, 1 JT., SOLID PLUG.
	10:00 - 17:00	7.00	C	11		R/U LONEWOLF WIRELINE CRW, RIH W/ 4-1/2" GAUGE RING TO 11,367, RIH 5-1/2" CIBP & SET @ 11,335, SPOT 5' CMT ON TOP OF CIBP. SWIFD CSDFD CT.
3/29/2009	06:00 - 06:30	0.50	C	18		NO ACTIVITY SDFWE
3/30/2009	06:00 - 06:30	0.50	C	18		NO ACTIVITY SDFWE
3/31/2009	06:00 - 11:00	5.00	C	08		CT & TGSM. (WHIP CHECKS PROPERLY INSTALLED ON PUMP LINES) CSIP @ 0 # PSI. F&T CSG W/ 740 BBLS TO 1500# PSI. GOOD TEST.
	11:00 - 15:00	4.00	C	11		R/U LONEWOLF W/L TRK, MAKE 3 CONS., GUNRUNS PERFORATING 10961 TO 11319. 47 NET PERF INT., 3 SPF, TTL 141 HLS. R/D WIRE LINE.
	15:00 - 19:00	4.00	C	04		C/O TO 3-1/2" TBG EQ., M/U & RIH W/ 5-1/2" WCS PKR, 2-7/8" X 3-1/2" X/O, 5 JTS 3-1/2" 8RD EUE P-110, C/O TO 4-1/2" TBG EQ., M/U & RIH W/ 3-1/2" X 4-1/2" X/O, 85 JTS 4-1/2" 8RD EUE P-110 FRAC STRING. EOP @ 2864' .SWIFD CSDFD CT.
4/1/2009	06:00 - 07:30	1.50	C	18		CT & TGSM (P/U 4-1/2" TBG) TSIP & CSIP @ VAC., BWD.,
	07:30 - 16:00	8.50	C	04		PU/MU&RIH W/ 216 JTS 4-1/2" 8RD EUE P-110 FRAC STRING, SET PKR @ 9656' MU FRAC VALVE.
	16:00 - 19:00	3.00	C	08		F&T CSG W/ 410 BBLS 2% KCL., TO 1500# PSI., GOOD TEST. SWIFD RUN FLOWBACK LINES., CSDFD CT.
4/2/2009	06:00 - 08:30	2.50	C	18		MOL W/ WEATHERFORD FRAC EQ., R/U & PRERSURE TEST LINES TO 9250# PSI.
	08:30 - 10:30	2.00	C	21		SIP @ VAC., FILL TBG W/ 152 BBLS BREAK DOWN PERFORATIONS @ 5736 PSI @ 19.5 BPM. TREAT PERFORATIONS W/ 5000 GAL HCL ACID USING 106 BIO BALLS FOR DIVERSION. AVG RATE 24.3 BPM. MAX PSI 6615 PSI. MAX RATE 28.2 BPM.. FLUSH ACID 10 BBLS

EL PASO PRODUCTION

Operations Summary Report

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Spud Date: 10/26/1987
End: 4/5/2009
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/2/2009	08:30 - 10:30	2.00	C	21		PAST BTM PERF. ISIP 4016 PSI. 5 MIN 3416 PSI. 7 MIN WELL ON VAC.,. FRAC GRAD., 0.79 WAIT 1 HR FOR BALLS TO DISSOLVE. FILL TBG W/ 140 BBLS BEFORE BEG., FRAC. FRAC WELL W/ 7820# 100 MESH IN 1/2 PPG STAGE & 149,107# 20/40 SINTERLITE BAUXITE SAND IN 1 PPG, 2 PPG, & 3 PPG STAGES. AVE RATE 54 BPM, MAX RATE 55.7 BPM, AVE PSI 7835, MAX PSI 8342 (DUE TO HIGH PSI PROLONG 3# SAND & DIDNOT PUMP 4# STAGE.) FLUSH TO TOP PERF. ISIP 5939 PSI. 5 MIN 5109 PSI. 10 MIN 4759 PSI. 15 MIN 4548 PSI. FRAC GRAD., 0.97 SWI.
	10:30 - 13:00	2.50	C	01		RD WEATHERFORD FRAC EQ., MOL. R/U FLOWBACKLINES OPEN WELL & PRESSURE TEST LINES W/ 3500# PSI.,
	13:00 - 06:00	17.00	C	13		TURN OVER TO PRODUCTION FOR FLOWBACK.
4/3/2009	06:00 - 10:30	4.50	C	08		343 BBLS TTL FLOWEDBACK WELL DEAD IN 8 HRS, CT & TGSM (THAWING W/ STEAM) THAW WELL HEAD & FLOWBACK LINES. RELEASE PKR CIRC., BTMS UP PUMPED 450 BBLS DOWN CSG RETURNED 160 BBLS UP TBG.,
	10:30 - 11:30	1.00	C	11		R/U DELSCO RIH W/ W/LINE & TAG FILL @ 11,267'
	11:30 - 16:30	5.00	C	04		POOH W/ 224 JTS 4-1/2" 8RD P-110 FRAC STRING., EOT @ 2608'.
	16:30 - 17:30	1.00	C	18		SWIFD CSDFD CT.
4/4/2009	06:00 - 10:00	4.00	C	04		CT & TGSM., (TONG SNUB LINE INSPECT FOR FATIGUE) TSIP & CSIP @ 0# PSI. CONT., POOH W/ 77 JTS 4-1/2" 8RD EUE TBG, 4-1/2 X 3-1/2 X/O, 5 JTS 3-1/2", 3-1/2 X 2-7/8 X/O, 5-1/2" PKR.
	10:00 - 14:00	4.00	C	04		C/O TO 2-7/8" TBG EQ., MU&RIH W/ 2-7/8" SOLID PLUG, 2 JTS 2-7/8" 8RD EUE TBG, 3-1/2" PBGA, 6' PUP JT., + 45 PSN, 7 JTS., 5-1/2" WCS T.A.C., 327 JTS 2-7/8" 8RD EUE TBG.
	14:00 - 17:00	3.00	C	15		R/D WORK FLOOR & TBG EQ., N/D BOPS, SET TAC W/ 22K TENSION, N/U WELLHEAD, M/U PUMP T & FLOWLINES, C/O TO ROD EQ., SWIFD,CSDFD, CT T A C @ 10241 P S N @ 10456 E O T @ 10558
4/5/2009	06:00 - 07:30	1.50	C	08		CT & TGSM (RIH W/ RODS, INSPECT ROD TRANSFERS) FLUSH TBG W/ 70 BBLS 2% KCL. P/U & PRIME 2-1/2 X 1-3/4 X 36' WALS RHBC.
	07:30 - 11:00	3.50	C	04		MU & RIH W/ RHBC, 39 1" (W/G), 240 7/8" (30W/G, 153 SLK, 4 W/G, 53 SLK),135 1"(SLK) SPACE OUT W/ 1-2' X1" PNY & 1-1/2" X 36' P-ROD. F&T W/ 16 BBLS, L/S TO 1000# PSI GOOD TEST W/ GOOD PUMP ACTION.
	11:00 -		C	01		R/D, R/U ROTO-FLEX UNIT, PWOP CSDFD CT.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2012**

FROM: (Old Operator):	**TO:** (New Operator):
N3065- El Paso E&P Company, L.P.	N3850- EP Energy E&P Company, L.P.
1001 Louisiana Street	1001 Louisiana Street
Houston, TX. 77002	Houston, TX. 77002
Phone: 1 (713) 997-5038	Phone: 1 (713) 997-5038

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/27/2012
4a. Is the new operator registered in the State of Utah: _____ Business Number: 2114377-0181
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: N/A
5c. Reports current for Production/Disposition & Sundries on: 6/25/2012
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/29/2012
3. Bond information entered in RBDMS on: 6/29/2012
4. Fee/State wells attached to bond in RBDMS on: 6/29/2012
5. Injection Projects to new operator in RBDMS on: 6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 103601420
2. Indian well(s) covered by Bond Number: 103601473
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER _____

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10. FIELD AND POOL, OR WILDCAT: See Attached

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
_____	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Name/Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

Frank W. Falleri
Vice President
El Paso E&P Company, L.P.

Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria S. Gomez DATE 6/22/2012

(This space for State use only)

APPROVED 6/29/2012
Rachel Medina
Division of Oil, Gas and Mining
~~Earlene Russell, Engineering Technician~~
Rachel Medina

RECEIVED
JUN 25 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

El Paso E1 Company, L.P. (N3065) to EP Energy E1 Company, L.P. (N3850) effective 6/1/2012

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA	
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA	
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA	
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA	
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA	
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA	
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA	
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA	
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA	
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA	
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA	
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA	
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA	
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA	
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA	
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA	
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA	
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA	
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA	
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA	
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA	
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA	
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA	
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA	
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA	
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA	
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA	
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA	
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA	
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA	
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA	
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA	
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA	
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA	
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA	
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA	
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA	
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA	
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA	
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA	
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA	
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA	
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA	
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA	
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA	
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA	
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA	
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA	
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA	
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA	
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA	
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA	
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA	
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA	
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA	
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA	
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA	
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S	

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

Sundry Number: 41019 API Well Number: 43013311970000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE JENKS 2-1-B4 G

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013311970000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0500 FNL 2380 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 01 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/7/2013	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

While performing routine operations, EP may need to acidize with 7500 gals of 15% HCL.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 09, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		8/6/2013

RECEIVED: Aug. 06, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE JENKS 2-1-B4 G

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013311970000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0500 FNL 2380 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 01 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☑ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 8/20/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Acidized with 7500 gals. while performing routine operations.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 06, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		10/15/2013

RECEIVED: Oct. 15, 2013

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE JENKS 2-1-B4 G

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013311970000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0500 FNL 2380 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 01 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/20/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Recomplete in 2 stages utilizing approximately ~40,000 gals acid. See attached for details.

Accepted by the Utah Division of Oil, Gas and Mining

Date: April 13, 2015

By: Dark K Dunt

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		4/8/2015

RECEIVED: Apr. 08, 2015

Ute Jenks 2-1B4 Recom Summary Procedure

- POOH with rods and tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Circulate & Clean wellbore
- Set (2) CBP for 5-1/2" 20# casing to plug back currently producing zones (Top perf @ 10,961'). 10' cement will be dump bailed on top of both CBP.
- Stage work below will be performed through tubing.
    - Stage 1:
        - Perforate new LGR interval from ~**10,700 – 10,875**'
        - Acidize perforations with **20,000 Gals 15% HCl Acid** with diverter (or BioBalls) (STAGE 1 Recom)
        - RIH with 5-1/2"CBP & set 10' shallower than next stage.
            - Instead of setting a CBP, we MAY use a retrievable plug & packer. This will not affect the perforations or acid volume.
    - Stage 2:
        - Perforate new LGR interval from ~**10,490 – 10,670**'
        - Prop Frac perforations with **20,000 Gal 15% HCl Acid** with diverter (or BioBalls) (STAGE 2 Recom)
- Clean out well drilling up 5-1/2" CBP's, leaving (2) CBP w/ 10' cmt on top of each leaving perfs @ 10,961' plugged back.
- RIH w/ production tubing & rods.
- Clean location and resume production.

RECEIVED: Apr. 08, 2015

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER: UTE JENKS 2-1-B4 G

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013311970000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER: 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0500 FNL 2380 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 01 Township: 02.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	✓ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 6/1/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Set CBP @ 10925' with 10' cmt on top. Set CBP @ 10910 with 10' cmt on top. Perf'd 10701-10870 & 10490-10662. Treated with 30000 gals 15% HCL acid. Isolated casing leak to 291'. Unable to get positive test. Isolated casing leak from 152'-183'. Dumped bail sand and found a separation from 150-156 1/2. Ran caliper log from 2000' to surface. Csg parted @ 150. Established injection rate. Pumped 100 sx G cmt and then another 100 sx. Tested csg to 1000 psig. Leaking up csg. Tagged solid cmt @ 96'. Drilled cmt to 172' Tested surface csg to 1000 psig & lost 100# in 15 min. Retested & held 1000 psig for 15 min. Charted test 9 5/8 for 30 min no pressure loss. Chart tested 13 3/8 for 30 min w 40# loss. Circ well clean. RIH with tubing. See attached for further details.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
August 26, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		8/12/2015

CENTRAL DIVISION

ALTAMONT FIELD
UTE JENK 2-1B4G
UTE JENKS 2-1B4G
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Aug. 12, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	UTE JENKS 2-1B4G		
Project	ALTAMONT FIELD	**Site**	UTE JENK 2-1B4G
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	4/23/2015	**End date**	6/1/2015
Spud Date/Time	10/26/1987	**UWI**	001-002-S 004-W 30
Active datum	KB @6,313.0ft (above Mean Sea Level)		
Afe No./Description	164850/53874 / UTE-JENKS #2-1B4-G		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/12/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING RODS. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	39		P		RODS WERE PARTED @ 2925', PARTED BOX ON #9 7/8" ROD. RIH & FISH PARTED RODS. WORK PUMP OFF SEAT.
	8:30	9:30	1.00	WOR	06		P		FLUSH RODS W/ 75 BBLS 2% KCL WTR.
	9:30	11:30	2.00	WOR	39		P		TOOH W/ 108 1" RODS, 137 7/8" RODS, 157 3/4" RODS, 7 WEIGHT RODS & 2-1/2" X 1-1/4" RHBC ROD PUMP, FLUSHING AS NEEDED & LAYING DOWN 5 7/8" & 56 3/4" RODSAS PER NEW ROD DESIGN.
	11:30	14:00	2.50	WOR	16		P		ND WELL HEAD. PU ON TBG. TAC WAS NOT SET. NU BOP & X-OVER SPOOL. RU TBG SCANNERS
	14:00	17:30	3.50	WOR	39		P		TOOH W/ 177 JTS 2-7/8"EUE TBG, LAYING DOWN BLUE BAND & RED BAND TBG. SDFN
5/13/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO ;LOCATION. HOLD SAFETY MEETING ON SCANNING TBG. FILL OUT & REVIEW JSA
	7:30	10:00	2.50	WOR	39		P		CONTINUE TOOH SCANNING TBG. FOUND A TTL OF 3 JTS RED BAND, 116 JTS BLUE BAND & 205 JTS YELLOW BAND. FOUND VERY LITTLE SCALE ON TBG. RD SCANNING EQUIPMENT
	10:00	19:00	9.00	WOR	26		P		RU WIRE LINE UNIT. RIH W/ 4.64" OD GUAGE RING. SET DOWN @ 10946'. POOH. RIH W/ CBP & SET @ 10925'. DUMP BAIL 10' CMT ON CBP. FILL CSG W/ 355 BBLS TREATED 2% KCL WTR. RIH W/ CBP. PRESSURE UP ON CSG TO 1500 PSI & SET @ CBP @ 10910'. DUMP BAIL 10' CMT ON CBP. SDFN
5/14/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	16		P		CHANGE CSG VALVE. & PIPE RAMS
	8:30	9:30	1.00	WOR	18		P		PRESSURE TEST CSG TO 1500 PSI FOR 15 MINUTES. TESTED GOOD.
	9:30	12:30	3.00	WLWORK	21		P		RU WIRELINE EQUIPMENT. MADE 2 PERFORATING RUNS, PERFORATING STAGES 1- 10701' TO 10870' & STAGE 2- 10490' TO 10662', USING 3-1/8" GUNS. 27 GRAM CHARGES, 3 JSPF, & 120 DEGREE PHASING. RD WIRE LINE UNIT
	12:30	14:00	1.50	WOR	16		P		NU SINGLE BOP W/ 2-7/8" PIPE RAMS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 19:00	5.00	WOR	24		P		MU 5-1/2" RBP & PKR. TIH PICKING UP 45 JTS NEW 2-7/8"EUE TBG & 167 JTS 3-1/2"EUE TBG. SDFN W/ 3-1/2" PIPE RAMS CLOSED & LOCKED, CSG VALVES CLOSED & CAPPED & 3-1/2" TIW VALVE INSTALLED IN TBG W/ NIGHT CAP INSTALLED.
5/15/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP TBG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	WOR	24		P		PU 130 JTS 3-1/2"EUE TBG. SET RBP 10895' . POOH W/ 8 JTS 3-1/2"EUE TBG. SET PKR @ 10678'. INSTALL FRAC VALVE
	11:00 17:00	6.00	WOR	16		N		WAIT ON HALIBURTON TO SHUTTLE EQUIPMENT TO LOCATION & RIG UP PUMP EQUIPMENT
	17:00 23:00	6.00	WOR	35		P		PRESSURE TEST LINES TO 9000 PSI. OPEN WELL. BREAK DOWN STAGE 1 PERFORATIONS @ 6647 PSI, PUMPING 9.9 BPM. PUMP 90 BBLS 2% KCL WTR. PERFORM STEP RATE TEST. ISIP 3521 PSI. FG .76. 5 MIN 3420 PSI. 10 MIN 3320 PSI. START ACID. 158 BBLS INTO 1st ACID STAGE PRESSURE CLIMBED T0 970 PSI & POP OFF VALVE ON CSG POPPED OFF. TBG & CSG WERE COMMUNICATING. BLEED PRESSURE OFF WELL. RELEASE PKR & MOVE PKR UP HOLE TO 10440'.PRESSURE TEST ANNULUS. LOST 700 PSI IN 4 MINUTES. RELEASE PKR. MOVE UP HOLE TO 10407'. TEST ANNULUS W/ SAME RESULTS. RU PUMP LINES TO TBG & PRESSURE TEST TO 9000 PSI. TREAT ALL NEW PERFORATIONS W/ 30000 GALLONS 15% HCL ACID IN 3 ACID STAGES, W/ 50 BBLL 2% KCL SPACER BETWEEN 1st & 2nd ACID STAGE & 70 BBL SPACER W/ 100 BIO BALLS IN SPACER. FLUSH ACID TO BOTTOM PERF + 10 BBLS. ISIP 3238 PSI. FG .74. 5 MINUTE SHUT IN 3193 PSI. 10 MINUTE 3154 PSI. 15 MINUTE 3117 PSI.. SHUT WELL IN FOR NIGHT
5/16/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON BLEEDING PRESSURE OFF WELL. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	18		P		SITP 2000 PSI. BLEED PRESSURE OFF WELL TO FLOW BACK TANK. RECOVERED 98 BBLS FLUID.
	9:00 12:00	3.00	WOR	06		P		RELEASE PKR. CIRCULATE OIL, GAS & ACID FROM WELL BORE
	12:00 12:45	0.75	WOR	39		P		TIH & TAG FILL @ 10831'.
	12:45 15:30	2.75	WOR	06		P		BREAK REVERSE CIRCULATION. CIRCULATE DOWN TO RBP @ 10895. CIRCULATE CLEAN RELEASE RBP
	15:30 17:00	1.50	WOR	39		P		TOOH & SET RBP @ 9593' & PKR @ 9561'. PRESSURE TEST TOOLS TO 1500 PSI. TESTED GOOD. PRESSURE TEST ANNULUS TO 1000 PSI. PRESSURE DROPPED TO 0 PSI IN 10 MINUTES
	17:00 19:00	2.00	WOR	24		P		RELEASE PKR & RETRIEVE RBP. LD 98 JTS TTL 3-1/2"EUE TBG. SDFN W/ EOT @ 7827'.
5/17/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/18/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/19/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN TBG. FILL OUT & REVIEW JSA.
	7:30 9:00	1.50	WOR	06		P		SITP 0 PSI. SICP 300 PSI. BLEED PRESSURE OFF WELL & CIRCULATE OIL & GASS FROM WELLBORE.
	9:00 11:30	2.50	WOR	24		P		CONTINUE TOOH LAYING DOWN 149 JTS 3-1.2" EUE TBG, FLUSHING AS NEEDED TO KEEP TBG CLEAN.
	11:30 13:00	1.50	WOR	06		P		CIRCULATE OIL & GAS FROM WELL BORE
	13:00 15:00	2.00	WOR	24		P		CONTIUE TOOH LAYING DOWN 49 JTS 3-1/2"EUE TBG & STANDING BACK 44 JTS 2-7/8"EUE TBG. LD 1 JT 2-7/8"EUE TBG & 5-1/2" PKR & RBP
	15:00 17:00	2.00	WOR	16		P		ND BOP STACK. MU 9-5/8" / 9-7/8" RPB & RIH W/ 1 JT 2-7/8"EUETBG. STRIP BOP STACK OVER TBG. NU BOP STACK.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	17:00	19:00	2.00	WOR	39		P		TIH W/ 194 JTS 2-7/8" EUE TBG, 195 JTS TTL. SDFN W/ PIPE RAMS CLOSED & LOCKED, TIW VALVE INSTALLED IN TBG W/ NIGHT CAP & CSG VALVES CLOSED & LOCKED.
5/20/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON [PRESSURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30	12:00	4.50	WOR	27		P		RIH W/ 20 JTS 2-7/8"EUE TBG. SET RBP @ 6966'. PRESSURE TEST CSG TO 1500 PSI. PRESSURE DROPPED TO 800 PSI IN 1 MINUTE THEN SLOWLY DROPPED TO 400 PS. CLEAN CELLAR & HOOK PUMP LINE TO SURFACE CSG VALVE. OPEN SURFACE CSG VALVE & PUMP DOWN 9-5/8" CSG. WELL CIRCULATED. RELEASE RETRIEVING TOOL & TOOHLEAVING 1 JT 2-7/8" EUE TBG & RET TOOL IN HOLE
	12:00	14:00	2.00	WOR	16		P		ND BOP STACK & STRIPBOP OVER 1 JT 2-7/8"EUE TBG. LD RET TOOL. MU 8' X 2-7/8"EUE PUP JT ON 9-5/8" PKR & RIH. STRIP BOP OVER PUP JT & NU BOP
	14:00	17:30	3.50	WOR	18		P		RIH & SET PKR 2 1009'. PRESSURE TEST 1009' TO 6966' TO 1500 PSI FOR 15 MINUTES. TESTED GOOD. PUMP DOWN 9-5/8" CSG. WELL CIRCULATED UP SURFACE CSG. CONTINUE TOOH ISOLATING CSG LEAK TO 291'. ABOVE 291' UNABLE TO GET POSITIVE TEST AS THERE WAS NOT ENOUGH TBG WEIGHT FOR COMPRESSION PKR.
	17:30	19:00	1.50	WOR	16		P		ND BOP & STRIP BOP OVE 6' PUP JT. LD PUP JT & PKR. NU BOP. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED
5/21/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVETY TODAY. CONSULTANT ATTENDED QUARTERLY SAFETY MEETING. RIG CREW ATTENDED ANNUAL SAFETY TRAINING
5/22/2015	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (NU PROCEDURES)
	7:30	14:00	6.50	WOR	16		P		TEST VOID IN A FLANGE LEAKED OFF, NIPPLE DOWN A FLANGE, RIH W 9 5/8" TENSION PACKER, 1 JT, SET PACKER PU ON 9 5/8" TO 50,000#, NO MOVEMENT. NU A FLANGE, AND BOP, RIH ISOLATE CASING LEAK FROM 152' TO 183'. CALLED DENNIS INGRAM HE LET SAID THAT IT WAS A BLM WELL BUT WAS FINE WITH OUR OPPS. TO KEEP HIM INFORMED ON PROGRESS.
	14:00	17:00	3.00	WLWORK	18		P		RIH W/ 2 CONSECUTIVE DUMP BAILER RUNS DUMPING 14' SAND. WITH COLLAR LOCATER APPEARS THAT THERE IS 6 1/2" SEPARATION FROM 150' TO 156 1/2'. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED.
5/23/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	12:00	4.50	WOR	16		P		BWD, ND 7" BOPE, RIH W/ PACKER SET @ 30', MAKE OUT HOT WORK PERMITS. WELD SLIPS TO CASING. NU 13 5/8" 5K BOPE. RU WORK FLOOR.
	12:00	18:00	6.00	WOR	45		P		MU 9 5/8" CASING SPEAR, 4 3/4" SURFRACE JARS, 4 3/4" DCS, RIH SPEAR CASING START JARRING ATTEMPTING TO JAR CASING FREE, W/ NO SUCCES, LAY DOWN FISH. SHUT AND LOCK BLIND RAMS. CSG VALVES CLOSED & CAPPED.
5/24/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/25/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/26/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/27/2015	6:00	7:30	1.50	WLWORK	28		P		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:30	10:30	3.00	CHLOG	18		P		RUN 60 FINGER CASING CALIPER LOG FROM 2000' TO SURFACE. CASING WAS PARTED @ 150'. RUN CBL APPEARS LIKE THERE IS TO MUCH CEMENT TO PULL 9 5/8". RDMOL W/ WIRE LINE CREW.
	10:30	14:30	4.00	WOR	44		P		WAIT ON APPROVAL FROM BLM TO MOVE FORWARD.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/28/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (CEMENT PUMPING OPERATIONS)
	7:30	10:30	3.00	MIRU	01		P		MIRU HALLIBURTON CEMENT EQUIPMENT, PRESSURE TEST LINES TO 5K. PUMP 50 BBLS FRESH WATER DOWN 9 5/8" RETURN UP 13 5/8". SHUT IN SURFACE CASING, ESTABLISH INJECTION RATE WITH 9 BBLS, TO 1000 PSIG. 15 MINUTE BLED OFF TO 634. HAD LEAK AT SURFACE ON SURFACE CASING FLANGE, REPAIR AND REDO WITH SIMILAR RESULTS.
	10:30	14:30	4.00	WOR	06		P		MIX AND PUMP 100 SX NEAT G CEMENT WITH 2% CALCIUM CHLORIDE ON FLY, DOWN CASING RETURNING UP SURFACE CASING. GOOD CEMENT RETURNS AFTER 18.5 BBLS, SHUT IN SURFACE CASING. MIX AND PUMP ADDITIONAL 100 SX CEMENT. @ 1 BPM TO 1/2 BPM MAX PRESSURE 1000 PSIG, CIRCULATE SURFACE LINES CLEAN. STAGE IN 8 BBLS FRESH WATER IN 2 BBLS AT TIME BUMPING UP TO 1000 PSIG LETTING SIT FOR 30 MINUTES, 30 MINUTES, 15 MINUTES, 15 MINUTES. BLED OFF TO 600 PSIG AFTER LAST BUMP UP AND LET SIT FOR 30 MINUTES.
	14:30	15:30	1.00	RDMO	02		P		RIG DOWN MOL W/ HALLIBURTON, RU POWER SWIVEL.
5/29/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (DRILLING CEMENT)
	7:30	14:30	7.00	WOR	72		P		TEST CASING TO 1000 PSIG, BLED OFF TO 600 (LEAKING UP SURFACE CASING) RU SWIVEL RIH W 8 1/2" BIT, BIT SUB, 1 4 3/4" DCS, X/O TO 8RD, 10' PUP, CIH W 2 7/8" TBG, TAG 1ST STRINGER @ 76' CIH TAG SOLID CEMENT @ 96' DRILL CEMENT TO 172' CIH 226' NO STRINGERS, POOH W/ BIT.
	14:30	15:30	1.00	WOR	18		P		TEST CASING TO 1000 PSIG, LOST 100# IN 15 MINUTES, W/ SURFACE CASING OPEN, (ISOLATED RIG PUMP), RETEST W/ SURACE CASING CLOSED HELD 1000 PSIG FOR 15 MINUTES.
	15:30	22:00	6.50	WOR	16		P		RD WORK FLOOR AND TBG EQUIPMENT, ND 13 5/8" BOPE, SPOOLS, NU & TEST TUBING HEAD, COULD NOT GET WELL HEAD TO TEST AFTER PUMPING FULL OF PACKING NU 5K 7 1/16" BOPE SWIFD CT
5/30/2015	6:00	7:30	1.50	WOR	18		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	17:00	9.50	WOR	16		P		NIPPLE DOWN BOP & A FLANGE, SET PACKER, MONITER GAS READINGS, WRITE HOT WORK PERMIT, CUT OF 3" OF CASING STUB, WELD ON 4 3/4", LET COOL OFF, REPLACE SEALS IN WELL HEAD, NU A FLANGE AND BOPE. INSTALL PACKING. TEST TO 1000 PSIG FOR 5 MINUTES GOOD TEST.
	17:00	18:00	1.00	WOR	18		P		CHART TEST 9 5/8" @ FOR 30 MINUTES NO PRESSURE LOSS, CHART TEST 13 3/8" FOR 30 MINUTES W/ 40# LOSS. NIPPLE DOWN BOP.
	18:00	19:00	1.00	WOR	39		P		STRIP BOP OVER RETRIEVING HEAD, NU BOP, RU WORK FLOOR, RIH W/ RETRIEVING HEAD, 10' PUP JT, 60 JTS 2 7/8" 8RD EUE TBG. SHUT AND LOCK PIPE RAMS. INSTALL & SHUT TIW VALVE W/ NIGHT CAP. SHUT AND NIGHT CAP CASING VALVES. CT
5/31/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TBG)
	7:30	14:30	7.00	WOR	40		P		CIH W/ 184 JTS TAG SAND @ 6950' RU TBG SWIVEL, PUMP AND RETURN LINES, BREAK CIRCULATION. CIRCULATE SAND OFF RBP, LATCH ON & RELEASE, CIRCULATE WELL CLEAN. POOH W/ RBP. POOH W/ TBG L/D AND RETIRE RBP.
	14:30	18:30	4.00	WOR	39		P		PUMU & RIH W/ SOLID NO-GO, 2 JTS 2 7/8" 8RD EUE TBG, 5 1/2" PBGA W/ DIP TUBE, +45 PSN, 6' PUP JT, 4 JTS 2 7/8", 9 5/8" WCS TAC 8 1/16" O.D, 274 JTS 2 7/8" 8RD EUE TBG. RD WORK FLOOR AND TBG EQUIPMENT. ND BOP. SET TAC @ 8879, PSN @ 9020', EOT @ 9115'. NU B FLANGE, INSTALL 3/8" CAP TUBE. MU PUMP T AND FLOW BACK LINES. SHUT IN TBG, SEND CASING TO FACILITIES CONTACT NIGHT LEASE OPERATOR.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
6/1/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR WEEK END
6/2/2015	6:00	7:30	1.50	WOR	18		P		TGSM & JSA (RIH W/ RODS)
	7:30	11:30	4.00	WOR	39		P		FLUSH TBG W/ 65 BBLS KCL W/ 10 GAL INHIBITORS, PUMU & RIH W/ 2 1/2" X 1 3/4" X 38' WALS RHBC, 19 1 1/2" WT BARS, 100 3/4", 135 7/8", 102 1", SPACE OUT W/ 2-2' PONIES AND 1 1/2" X 40' P ROD. F&T W/ 15 BBLS, L/S TO 1000 PSIG.
	11:30	14:00	2.50	RDMO	02		P		RIG DOWN, SLIDE UNIT, NO TAG & PUMPING TOT LEASE OPERATOR.

RECEIVED: Aug. 12, 2015

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Sundry Number: 65715 API Well Number: 43013311970000

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECOMPLETION

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H621782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME:

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER

8. WELL NAME and NUMBER: Ute Jenks 2-1B4 G

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

9. API NUMBER: 4301331197

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 500' FNL & 2380' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 1 2S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 10/26/1987

15. DATE T.D. REACHED: 1/15/1988

16. DATE COMPLETED: 6/1/2015 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6281

18. TOTAL DEPTH: MD 15,380 TVD 13,331

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously Submitted

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
Previously									
Submitted									

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	9,112							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) LGR	9,742	11,179	9,738	10,966
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
10,701	10,870	.38	69	Open ☑ Squeezed ☐
10,490	10,662	.38	69	Open ☑ Squeezed ☐
				Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10701-10870	10000 gal 15% HCL Acid
10490-10662	30000 gal 15% HCL Acid
10925' & 10910'	CBP's & 10' of Cement on Top

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

(5/2000)

(CONTINUED ON BACK)

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
6/2/2015	6/3/2015	24		53	103	165	Rod Pump

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	40	29	35.00	1	2		53	103	165	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	6,437
				Middle Green River	8,293
				Lower Green River	9,742
				Wasatch	11,179

35. ADDITIONAL REMARKS (Include plugging procedure)

Also repaired casing. Subsequent Sundry was also submitted.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE _____ DATE 8/26/2015

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Aug. 26, 2015

CENTRAL DIVISION

ALTAMONT FIELD
UTE JENK 2-1B4G
UTE JENKS 2-1B4G
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Aug. 26, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	UTE JENKS 2-1B4G		
Project	ALTAMONT FIELD	**Site**	UTE JENK 2-1B4G
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	4/23/2015	**End date**	6/1/2015
Spud Date/Time	10/26/1987	**UWI**	001-002-S 004-W 30
Active datum	KB @6,313.0ft (above Mean Sea Level)		
Afe No./Description	164850/53874 / UTE-JENKS #2-1B4-G		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/12/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING RODS. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	39		P		RODS WERE PARTED @ 2925', PARTED BOX ON #9 7/8" ROD. RIH & FISH PARTED RODS. WORK PUMP OFF SEAT.
	8:30	9:30	1.00	WOR	06		P		FLUSH RODS W/ 75 BBLS 2% KCL WTR.
	9:30	11:30	2.00	WOR	39		P		TOOH W/ 108 1" RODS, 137 7/8" RODS, 157 3/4" RODS, 7 WEIGHT RODS & 2-1/2" X 1-1/4" RHBC ROD PUMP, FLUSHING AS NEEDED & LAYING DOWN 5 7/8" & 56 3/4" RODSAS PER NEW ROD DESIGN.
	11:30	14:00	2.50	WOR	16		P		ND WELL HEAD. PU ON TBG. TAC WAS NOT SET. NU BOP & X-OVER SPOOL. RU TBG SCANNERS
	14:00	17:30	3.50	WOR	39		P		TOOH W/ 177 JTS 2-7/8"EUE TBG, LAYING DOWN BLUE BAND & RED BAND TBG. SDFN
5/13/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO ;LOCATION. HOLD SAFETY MEETING ON SCANNING TBG. FILL OUT & REVIEW JSA
	7:30	10:00	2.50	WOR	39		P		CONTINUE TOOH SCANNING TBG. FOUND A TTL OF 3 JTS RED BAND, 116 JTS BLUE BAND & 205 JTS YELLOW BAND. FOUND VERY LITTLE SCALE ON TBG. RD SCANNING EQUIPMENT
	10:00	19:00	9.00	WOR	26		P		RU WIRE LINE UNIT. RIH W/ 4.64" OD GUAGE RING. SET DOWN @ 10946'. POOH. RIH W/ CBP & SET @ 10925'. DUMP BAIL 10' CMT ON CBP. FILL CSG W/ 355 BBLS TREATED 2% KCL WTR. RIH W/ CBP. PRESSURE UP ON CSG TO 1500 PSI & SET @ CBP @ 10910'. DUMP BAIL 10' CMT ON CBP. SDFN
5/14/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	16		P		CHANGE CSG VALVE. & PIPE RAMS
	8:30	9:30	1.00	WOR	18		P		PRESSURE TEST CSG TO 1500 PSI FOR 15 MINUTES. TESTED GOOD.
	9:30	12:30	3.00	WLWORK	21		P		RU WIRELINE EQUIPMENT. MADE 2 PERFORATING RUNS, PERFORATING STAGES 1- 10701' TO 10870' & STAGE 2- 10490' TO 10662', USING 3-1/8" GUNS. 27 GRAM CHARGES, 3 JSPF, & 120 DEGREE PHASING. RD WIRE LINE UNIT
	12:30	14:00	1.50	WOR	16		P		NU SINGLE BOP W/ 2-7/8" PIPE RAMS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 19:00	5.00	WOR	24		P		MU 5-1/2" RBP & PKR. TIH PICKING UP 45 JTS NEW 2-7/8"EUE TBG & 167 JTS 3-1/2"EUE TBG. SDFN W/ 3-1/2" PIPE RAMS CLOSED & LOCKED, CSG VALVES CLOSED & CAPPED & 3-1/2" TIW VALVE INSTALLED IN TBG W/ NIGHT CAP INSTALLED.
5/15/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP TBG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	WOR	24		P		PU 130 JTS 3-1/2"EUE TBG. SET RBP 10895' . POOH W/ 8 JTS 3-1/2"EUE TBG. SET PKR @ 10678'. INSTALL FRAC VALVE
	11:00 17:00	6.00	WOR	16		N		WAIT ON HALIBURTON TO SHUTTLE EQUIPMENT TO LOCATION & RIG UP PUMP EQUIPMENT
	17:00 23:00	6.00	WOR	35		P		PRESSURE TEST LINES TO 9000 PSI. OPEN WELL. BREAK DOWN STAGE 1 PERFORATIONS @ 6647 PSI, PUMPING 9.9 BPM. PUMP 90 BBLS 2% KCL WTR. PERFORM STEP RATE TEST. ISIP 3521 PSI. FG .76. 5 MIN 3420 PSI. 10 MIN 3320 PSI. START ACID. 158 BBLS INTO 1st ACID STAGE PRESSURE CLIMBED T0 970 PSI & POP OFF VALVE ON CSG POPPED OFF. TBG & CSG WERE COMMUNICATING. BLEED PRESSURE OFF WELL. RELEASE PKR & MOVE PKR UP HOLE TO 10440'.PRESSURE TEST ANNULUS. LOST 700 PSI IN 4 MINUTES. RELEASE PKR. MOVE UP HOLE TO 10407'. TEST ANNULUS W/ SAME RESULTS. RU PUMP LINES TO TBG & PRESSURE TEST TO 9000 PSI. TREAT ALL NEW PERFORATIONS W/ 30000 GALLONS 15% HCL ACID IN 3 ACID STAGES, W/ 50 BBLL 2% KCL SPACER BETWEEN 1st & 2nd ACID STAGE & 70 BBL SPACER W/ 100 BIO BALLS IN SPACER. FLUSH ACID TO BOTTOM PERF + 10 BBLS. ISIP 3238 PSI. FG .74. 5 MINUTE SHUT IN 3193 PSI. 10 MINUTE 3154 PSI. 15 MINUTE 3117 PSI.. SHUT WELL IN FOR NIGHT
5/16/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON BLEEDING PRESSURE OFF WELL. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	18		P		SITP 2000 PSI. BLEED PRESSURE OFF WELL TO FLOW BACK TANK. RECOVERED 98 BBLS FLUID.
	9:00 12:00	3.00	WOR	06		P		RELEASE PKR. CIRCULATE OIL, GAS & ACID FROM WELL BORE
	12:00 12:45	0.75	WOR	39		P		TIH & TAG FILL @ 10831'.
	12:45 15:30	2.75	WOR	06		P		BREAK REVERSE CIRCULATION. CIRCULATE DOWN TO RBP @ 10895. CIRCULATE CLEAN RELEASE RBP
	15:30 17:00	1.50	WOR	39		P		TOOH & SET RBP @ 9593' & PKR @ 9561'. PRESSURE TEST TOOLS TO 1500 PSI. TESTED GOOD. PRESSURE TEST ANNULUS TO 1000 PSI. PRESSURE DROPPED TO 0 PSI IN 10 MINUTES
	17:00 19:00	2.00	WOR	24		P		RELEASE PKR & RETRIEVE RBP. LD 98 JTS TTL 3-1/2"EUE TBG. SDFN W/ EOT @ 7827'.
5/17/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/18/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/19/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN TBG. FILL OUT & REVIEW JSA.
	7:30 9:00	1.50	WOR	06		P		SITP 0 PSI. SICP 300 PSI. BLEED PRESSURE OFF WELL & CIRCULATE OIL & GASS FROM WELLBORE.
	9:00 11:30	2.50	WOR	24		P		CONTINUE TOOH LAYING DOWN 149 JTS 3-1.2" EUE TBG, FLUSHING AS NEEDED TO KEEP TBG CLEAN.
	11:30 13:00	1.50	WOR	06		P		CIRCULATE OIL & GAS FROM WELL BORE
	13:00 15:00	2.00	WOR	24		P		CONTIUE TOOH LAYING DOWN 49 JTS 3-1/2"EUE TBG & STANDING BACK 44 JTS 2-7/8"EUE TBG. LD 1 JT 2-7/8"EUE TBG & 5-1/2" PKR & RBP
	15:00 17:00	2.00	WOR	16		P		ND BOP STACK. MU 9-5/8" / 9-7/8" RPB & RIH W/ 1 JT 2-7/8"EUETBG. STRIP BOP STACK OVER TBG. NU BOP STACK.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	17:00	19:00	2.00	WOR	39		P		TIH W/ 194 JTS 2-7/8" EUE TBG, 195 JTS TTL. SDFN W/ PIPE RAMS CLOSED & LOCKED, TIW VALVE INSTALLED IN TBG W/ NIGHT CAP & CSG VALVES CLOSED & LOCKED.
5/20/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON [PRESSURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30	12:00	4.50	WOR	27		P		RIH W/ 20 JTS 2-7/8"EUE TBG. SET RBP @ 6966'. PRESSURE TEST CSG TO 1500 PSI. PRESSURE DROPPED TO 800 PSI IN 1 MINUTE THEN SLOWLY DROPPED TO 400 PS. CLEAN CELLAR & HOOK PUMP LINE TO SURFACE CSG VALVE. OPEN SURFACE CSG VALVE & PUMP DOWN 9-5/8" CSG. WELL CIRCULATED. RELEASE RETRIEVING TOOL & TOOHLEAVING 1 JT 2-7/8" EUE TBG & RET TOOL IN HOLE
	12:00	14:00	2.00	WOR	16		P		ND BOP STACK & STRIPBOP OVER 1 JT 2-7/8"EUE TBG. LD RET TOOL. MU 8' X 2-7/8"EUE PUP JT ON 9-5/8" PKR & RIH. STRIP BOP OVER PUP JT & NU BOP
	14:00	17:30	3.50	WOR	18		P		RIH & SET PKR 2 1009'. PRESSURE TEST 1009' TO 6966' TO 1500 PSI FOR 15 MINUTES. TESTED GOOD. PUMP DOWN 9-5/8" CSG. WELL CIRCULATED UP SURFACE CSG. CONTINUE TOOH ISOLATING CSG LEAK TO 291'. ABOVE 291' UNABLE TO GET POSITIVE TEST AS THERE WAS NOT ENOUGH TBG WEIGHT FOR COMPRESSION PKR.
	17:30	19:00	1.50	WOR	16		P		ND BOP & STRIP BOP OVE 6' PUP JT. LD PUP JT & PKR. NU BOP. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED
5/21/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVETY TODAY. CONSULTANT ATTENDED QUARTERLY SAFETY MEETING. RIG CREW ATTENDED ANNUAL SAFETY TRAINING
5/22/2015	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (NU PROCEDURES)
	7:30	14:00	6.50	WOR	16		P		TEST VOID IN A FLANGE LEAKED OFF, NIPPLE DOWN A FLANGE, RIH W 9 5/8" TENSION PACKER, 1 JT, SET PACKER PU ON 9 5/8" TO 50,000#, NO MOVEMENT. NU A FLANGE, AND BOP, RIH ISOLATE CASING LEAK FROM 152' TO 183'. CALLED DENNIS INGRAM HE LET SAID THAT IT WAS A BLM WELL BUT WAS FINE WITH OUR OPPS. TO KEEP HIM INFORMED ON PROGRESS.
	14:00	17:00	3.00	WLWORK	18		P		RIH W/ 2 CONSECUTIVE DUMP BAILER RUNS DUMPING 14' SAND. WITH COLLAR LOCATER APPEARS THAT THERE IS 6 1/2" SEPARATION FROM 150' TO 156 1/2'. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED.
5/23/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	12:00	4.50	WOR	16		P		BWD, ND 7" BOPE, RIH W/ PACKER SET @ 30', MAKE OUT HOT WORK PERMITS. WELD SLIPS TO CASING. NU 13 5/8" 5K BOPE. RU WORK FLOOR.
	12:00	18:00	6.00	WOR	45		P		MU 9 5/8" CASING SPEAR, 4 3/4" SURFRACE JARS, 4 3/4" DCS, RIH SPEAR CASING START JARRING ATTEMPTING TO JAR CASING FREE, W/ NO SUCCES, LAY DOWN FISH. SHUT AND LOCK BLIND RAMS. CSG VALVES CLOSED & CAPPED.
5/24/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/25/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/26/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/27/2015	6:00	7:30	1.50	WLWORK	28		P		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:30	10:30	3.00	CHLOG	18		P		RUN 60 FINGER CASING CALIPER LOG FROM 2000' TO SURFACE. CASING WAS PARTED @ 150'. RUN CBL APPEARS LIKE THERE IS TO MUCH CEMENT TO PULL 9 5/8". RDMOL W/ WIRE LINE CREW.
	10:30	14:30	4.00	WOR	44		P		WAIT ON APPROVAL FROM BLM TO MOVE FORWARD.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/28/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (CEMENT PUMPING OPERATIONS)
	7:30	10:30	3.00	MIRU	01		P		MIRU HALLIBURTON CEMENT EQUIPMENT, PRESSURE TEST LINES TO 5K. PUMP 50 BBLS FRESH WATER DOWN 9 5/8" RETURN UP 13 5/8". SHUT IN SURFACE CASING, ESTABLISH INJECTION RATE WITH 9 BBLS, TO 1000 PSIG. 15 MINUTE BLED OFF TO 634. HAD LEAK AT SURFACE ON SURFACE CASING FLANGE, REPAIR AND REDO WITH SIMILAR RESULTS.
	10:30	14:30	4.00	WOR	06		P		MIX AND PUMP 100 SX NEAT G CEMENT WITH 2% CALCIUM CHLORIDE ON FLY, DOWN CASING RETURNING UP SURFACE CASING. GOOD CEMENT RETURNS AFTER 18.5 BBLS, SHUT IN SURFACE CASING. MIX AND PUMP ADDITIONAL 100 SX CEMENT. @ 1 BPM TO 1/2 BPM MAX PRESSURE 1000 PSIG, CIRCULATE SURFACE LINES CLEAN. STAGE IN 8 BBLS FRESH WATER IN 2 BBLS AT TIME BUMPING UP TO 1000 PSIG LETTING SIT FOR 30 MINUTES, 30 MINUTES, 15 MINUTES, 15 MINUTES. BLED OFF TO 600 PSIG AFTER LAST BUMP UP AND LET SIT FOR 30 MINUTES.
	14:30	15:30	1.00	RDMO	02		P		RIG DOWN MOL W/ HALLIBURTON, RU POWER SWIVEL.
5/29/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (DRILLING CEMENT)
	7:30	14:30	7.00	WOR	72		P		TEST CASING TO 1000 PSIG, BLED OFF TO 600 (LEAKING UP SURFACE CASING) RU SWIVEL RIH W 8 1/2" BIT, BIT SUB, 1 4 3/4" DCS, X/O TO 8RD, 10' PUP, CIH W 2 7/8" TBG, TAG 1ST STRINGER @ 76' CIH TAG SOLID CEMENT @ 96' DRILL CEMENT TO 172' CIH 226' NO STRINGERS, POOH W/ BIT.
	14:30	15:30	1.00	WOR	18		P		TEST CASING TO 1000 PSIG, LOST 100# IN 15 MINUTES, W/ SURFACE CASING OPEN, (ISOLATED RIG PUMP), RETEST W/ SURACE CASING CLOSED HELD 1000 PSIG FOR 15 MINUTES.
	15:30	22:00	6.50	WOR	16		P		RD WORK FLOOR AND TBG EQUIPMENT, ND 13 5/8" BOPE, SPOOLS, NU & TEST TUBING HEAD, COULD NOT GET WELL HEAD TO TEST AFTER PUMPING FULL OF PACKING NU 5K 7 1/16" BOPE SWIFD CT
5/30/2015	6:00	7:30	1.50	WOR	18		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	17:00	9.50	WOR	16		P		NIPPLE DOWN BOP & A FLANGE, SET PACKER, MONITER GAS READINGS, WRITE HOT WORK PERMIT, CUT OF 3" OF CASING STUB, WELD ON 4 3/4", LET COOL OFF, REPLACE SEALS IN WELL HEAD, NU A FLANGE AND BOPE. INSTALL PACKING. TEST TO 1000 PSIG FOR 5 MINUTES GOOD TEST.
	17:00	18:00	1.00	WOR	18		P		CHART TEST 9 5/8" @ FOR 30 MINUTES NO PRESSURE LOSS, CHART TEST 13 3/8" FOR 30 MINUTES W/ 40# LOSS. NIPPLE DOWN BOP.
	18:00	19:00	1.00	WOR	39		P		STRIP BOP OVER RETRIEVING HEAD, NU BOP, RU WORK FLOOR, RIH W/ RETRIEVING HEAD, 10' PUP JT, 60 JTS 2 7/8" 8RD EUE TBG. SHUT AND LOCK PIPE RAMS. INSTALL & SHUT TIW VALVE W/ NIGHT CAP. SHUT AND NIGHT CAP CASING VALVES. CT
5/31/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TBG)
	7:30	14:30	7.00	WOR	40		P		CIH W/ 184 JTS TAG SAND @ 6950' RU TBG SWIVEL, PUMP AND RETURN LINES, BREAK CIRCULATION. CIRCULATE SAND OFF RBP, LATCH ON & RELEASE, CIRCULATE WELL CLEAN. POOH W/ RBP. POOH W/ TBG L/D AND RETIRE RBP.
	14:30	18:30	4.00	WOR	39		P		PUMU & RIH W/ SOLID NO-GO, 2 JTS 2 7/8" 8RD EUE TBG, 5 1/2" PBGA W/ DIP TUBE, +45 PSN, 6' PUP JT, 4 JTS 2 7/8", 9 5/8" WCS TAC 8 1/16" O.D, 274 JTS 2 7/8" 8RD EUE TBG. RD WORK FLOOR AND TBG EQUIPMENT. ND BOP. SET TAC @ 8879, PSN @ 9020', EOT @ 9115'. NU B FLANGE, INSTALL 3/8" CAP TUBE. MU PUMP T AND FLOW BACK LINES. SHUT IN TBG, SEND CASING TO FACILITIES CONTACT NIGHT LEASE OPERATOR.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
6/1/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR WEEK END
6/2/2015	6:00	7:30	1.50	WOR	18		P		TGSM & JSA (RIH W/ RODS)
	7:30	11:30	4.00	WOR	39		P		FLUSH TBG W/ 65 BBLS KCL W/ 10 GAL INHIBITORS, PUMU & RIH W/ 2 1/2" X 1 3/4" X 38' WALS RHBC, 19 1 1/2" WT BARS, 100 3/4", 135 7/8", 102 1", SPACE OUT W/ 2-2' PONIES AND 1 1/2" X 40' P ROD. F&T W/ 15 BBLS, L/S TO 1000 PSIG.
	11:30	14:00	2.50	RDMO	02		P		RIG DOWN, SLIDE UNIT, NO TAG & PUMPING TOT LEASE OPERATOR.

RECEIVED: Aug. 26, 2015

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-1782

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
UTE JENKS 2-1-B4 G

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013311970000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0500 FNL 2380 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWSW Section: 01 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	✓ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 6/1/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Set CBP @ 10925' with 10' cmt on top. Set CBP @ 10910 with 10' cmt on top. Perf'd 10701-10870 & 10490-10662. Treated with 30000 gals 15% HCL acid. Isolated casing leak to 291'. Unable to get positive test. Isolated casing leak from 152'-183'. Dumped bail sand and found a separation from 150-156 1/2. Ran caliper log from 2000' to surface. Csg parted @ 150. Established injection rate. Pumped 100 sx G cmt and then another 100 sx. Tested csg to 1000 psig. Leaking up csg. Tagged solid cmt @ 96'. Drilled cmt to 172' Tested surface csg to 1000 psig & lost 100# in 15 min. Retested & held 1000 psig for 15 min. Charted test 9 5/8 for 30 min no pressure loss. Chart tested 13 3/8 for 30 min w 40# loss. Circ well clean. RIH with tubing. See attached for further details.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst

SIGNATURE	DATE
N/A	8/12/2015

RECEIVED: Aug. 26, 2015

CENTRAL DIVISION

ALTAMONT FIELD
UTE JENK 2-1B4G
UTE JENKS 2-1B4G
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Aug. 26, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	UTE JENKS 2-1B4G		
Project	ALTAMONT FIELD	**Site**	UTE JENK 2-1B4G
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	4/23/2015	**End date**	6/1/2015
Spud Date/Time	10/26/1987	**UWI**	001-002-S 004-W 30
Active datum	KB @6,313.0ft (above Mean Sea Level)		
Afe No./Description	164850/53874 / UTE-JENKS #2-1B4-G		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/12/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON TRIPPING RODS. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	39		P		RODS WERE PARTED @ 2925', PARTED BOX ON #9 7/8" ROD. RIH & FISH PARTED RODS. WORK PUMP OFF SEAT.
	8:30	9:30	1.00	WOR	06		P		FLUSH RODS W/ 75 BBLS 2% KCL WTR.
	9:30	11:30	2.00	WOR	39		P		TOOH W/ 108 1" RODS, 137 7/8" RODS, 157 3/4" RODS, 7 WEIGHT RODS & 2-1/2" X 1-1/4" RHBC ROD PUMP, FLUSHING AS NEEDED & LAYING DOWN 5 7/8" & 56 3/4" RODSAS PER NEW ROD DESIGN.
	11:30	14:00	2.50	WOR	16		P		ND WELL HEAD. PU ON TBG. TAC WAS NOT SET. NU BOP & X-OVER SPOOL. RU TBG SCANNERS
	14:00	17:30	3.50	WOR	39		P		TOOH W/ 177 JTS 2-7/8"EUE TBG, LAYING DOWN BLUE BAND & RED BAND TBG. SDFN
5/13/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO ;LOCATION. HOLD SAFETY MEETING ON SCANNING TBG. FILL OUT & REVIEW JSA
	7:30	10:00	2.50	WOR	39		P		CONTINUE TOOH SCANNING TBG. FOUND A TTL OF 3 JTS RED BAND, 116 JTS BLUE BAND & 205 JTS YELLOW BAND. FOUND VERY LITTLE SCALE ON TBG. RD SCANNING EQUIPMENT
	10:00	19:00	9.00	WOR	26		P		RU WIRE LINE UNIT. RIH W/ 4.64" OD GUAGE RING. SET DOWN @ 10946'. POOH. RIH W/ CBP & SET @ 10925'. DUMP BAIL 10' CMT ON CBP. FILL CSG W/ 355 BBLS TREATED 2% KCL WTR. RIH W/ CBP. PRESSURE UP ON CSG TO 1500 PSI & SET @ CBP @ 10910'. DUMP BAIL 10' CMT ON CBP. SDFN
5/14/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON WIRELINE SAFETY. FILL OUT & REVIEW JSA
	7:30	8:30	1.00	WOR	16		P		CHANGE CSG VALVE. & PIPE RAMS
	8:30	9:30	1.00	WOR	18		P		PRESSURE TEST CSG TO 1500 PSI FOR 15 MINUTES. TESTED GOOD.
	9:30	12:30	3.00	WLWORK	21		P		RU WIRELINE EQUIPMENT. MADE 2 PERFORATING RUNS, PERFORATING STAGES 1- 10701' TO 10870' & STAGE 2- 10490' TO 10662', USING 3-1/8" GUNS. 27 GRAM CHARGES, 3 JSPF, & 120 DEGREE PHASING. RD WIRE LINE UNIT
	12:30	14:00	1.50	WOR	16		P		NU SINGLE BOP W/ 2-7/8" PIPE RAMS.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	14:00 19:00	5.00	WOR	24		P		MU 5-1/2" RBP & PKR. TIH PICKING UP 45 JTS NEW 2-7/8"EUE TBG & 167 JTS 3-1/2"EUE TBG. SDFN W/ 3-1/2" PIPE RAMS CLOSED & LOCKED, CSG VALVES CLOSED & CAPPED & 3-1/2" TIW VALVE INSTALLED IN TBG W/ NIGHT CAP INSTALLED.
5/15/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON PICKING UP TBG. FILL OUT & REVIEW JSA
	7:30 11:00	3.50	WOR	24		P		PU 130 JTS 3-1/2"EUE TBG. SET RBP 10895' . POOH W/ 8 JTS 3-1/2"EUE TBG. SET PKR @ 10678'. INSTALL FRAC VALVE
	11:00 17:00	6.00	WOR	16		N		WAIT ON HALIBURTON TO SHUTTLE EQUIPMENT TO LOCATION & RIG UP PUMP EQUIPMENT
	17:00 23:00	6.00	WOR	35		P		PRESSURE TEST LINES TO 9000 PSI. OPEN WELL. BREAK DOWN STAGE 1 PERFORATIONS @ 6647 PSI, PUMPING 9.9 BPM. PUMP 90 BBLS 2% KCL WTR. PERFORM STEP RATE TEST. ISIP 3521 PSI. FG .76. 5 MIN 3420 PSI. 10 MIN 3320 PSI. START ACID. 158 BBLS INTO 1st ACID STAGE PRESSURE CLIMBED T0 970 PSI & POP OFF VALVE ON CSG POPPED OFF. TBG & CSG WERE COMMUNICATING. BLEED PRESSURE OFF WELL. RELEASE PKR & MOVE PKR UP HOLE TO 10440'.PRESSURE TEST ANNULUS. LOST 700 PSI IN 4 MINUTES. RELEASE PKR. MOVE UP HOLE TO 10407'. TEST ANNULUS W/ SAME RESULTS. RU PUMP LINES TO TBG & PRESSURE TEST TO 9000 PSI. TREAT ALL NEW PERFORATIONS W/ 30000 GALLONS 15% HCL ACID IN 3 ACID STAGES, W/ 50 BBLL 2% KCL SPACER BETWEEN 1st & 2nd ACID STAGE & 70 BBL SPACER W/ 100 BIO BALLS IN SPACER. FLUSH ACID TO BOTTOM PERF + 10 BBLS. ISIP 3238 PSI. FG .74. 5 MINUTE SHUT IN 3193 PSI. 10 MINUTE 3154 PSI. 15 MINUTE 3117 PSI.. SHUT WELL IN FOR NIGHT
5/16/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON BLEEDING PRESSURE OFF WELL. FILL OUT & REVIEW JSA
	7:30 9:00	1.50	WOR	18		P		SITP 2000 PSI. BLEED PRESSURE OFF WELL TO FLOW BACK TANK. RECOVERED 98 BBLS FLUID.
	9:00 12:00	3.00	WOR	06		P		RELEASE PKR. CIRCULATE OIL, GAS & ACID FROM WELL BORE
	12:00 12:45	0.75	WOR	39		P		TIH & TAG FILL @ 10831'.
	12:45 15:30	2.75	WOR	06		P		BREAK REVERSE CIRCULATION. CIRCULATE DOWN TO RBP @ 10895. CIRCULATE CLEAN RELEASE RBP
	15:30 17:00	1.50	WOR	39		P		TOOH & SET RBP @ 9593' & PKR @ 9561'. PRESSURE TEST TOOLS TO 1500 PSI. TESTED GOOD. PRESSURE TEST ANNULUS TO 1000 PSI. PRESSURE DROPPED TO 0 PSI IN 10 MINUTES
	17:00 19:00	2.00	WOR	24		P		RELEASE PKR & RETRIEVE RBP. LD 98 JTS TTL 3-1/2"EUE TBG. SDFN W/ EOT @ 7827'.
5/17/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/18/2015	6:00 6:00	24.00	WOR	18		P		NO ACTIVETY TODAY SHUT DOWN FOR WEEKEND
5/19/2015	6:00 7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON LAYING DOWN TBG. FILL OUT & REVIEW JSA.
	7:30 9:00	1.50	WOR	06		P		SITP 0 PSI. SICP 300 PSI. BLEED PRESSURE OFF WELL & CIRCULATE OIL & GASS FROM WELLBORE.
	9:00 11:30	2.50	WOR	24		P		CONTINUE TOOH LAYING DOWN 149 JTS 3-1.2" EUE TBG, FLUSHING AS NEEDED TO KEEP TBG CLEAN.
	11:30 13:00	1.50	WOR	06		P		CIRCULATE OIL & GAS FROM WELL BORE
	13:00 15:00	2.00	WOR	24		P		CONTIUE TOOH LAYING DOWN 49 JTS 3-1/2"EUE TBG & STANDING BACK 44 JTS 2-7/8"EUE TBG. LD 1 JT 2-7/8"EUE TBG & 5-1/2" PKR & RBP
	15:00 17:00	2.00	WOR	16		P		ND BOP STACK. MU 9-5/8" / 9-7/8" RPB & RIH W/ 1 JT 2-7/8"EUETBG. STRIP BOP STACK OVER TBG. NU BOP STACK.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	17:00	19:00	2.00	WOR	39		P		TIH W/ 194 JTS 2-7/8" EUE TBG, 195 JTS TTL. SDFN W/ PIPE RAMS CLOSED & LOCKED, TIW VALVE INSTALLED IN TBG W/ NIGHT CAP & CSG VALVES CLOSED & LOCKED.
5/20/2015	6:00	7:30	1.50	WOR	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON [PRESSURE TESTING CSG. FILL OUT & REVIEW JSA
	7:30	12:00	4.50	WOR	27		P		RIH W/ 20 JTS 2-7/8"EUE TBG. SET RBP @ 6966'. PRESSURE TEST CSG TO 1500 PSI. PRESSURE DROPPED TO 800 PSI IN 1 MINUTE THEN SLOWLY DROPPED TO 400 PS. CLEAN CELLAR & HOOK PUMP LINE TO SURFACE CSG VALVE. OPEN SURFACE CSG VALVE & PUMP DOWN 9-5/8" CSG. WELL CIRCULATED. RELEASE RETRIEVING TOOL & TOOHLEAVING 1 JT 2-7/8" EUE TBG & RET TOOL IN HOLE
	12:00	14:00	2.00	WOR	16		P		ND BOP STACK & STRIPBOP OVER 1 JT 2-7/8"EUE TBG. LD RET TOOL. MU 8' X 2-7/8"EUE PUP JT ON 9-5/8" PKR & RIH. STRIP BOP OVER PUP JT & NU BOP
	14:00	17:30	3.50	WOR	18		P		RIH & SET PKR 2 1009'. PRESSURE TEST 1009' TO 6966' TO 1500 PSI FOR 15 MINUTES. TESTED GOOD. PUMP DOWN 9-5/8" CSG. WELL CIRCULATED UP SURFACE CSG. CONTINUE TOOH ISOLATING CSG LEAK TO 291'. ABOVE 291' UNABLE TO GET POSITIVE TEST AS THERE WAS NOT ENOUGH TBG WEIGHT FOR COMPRESSION PKR.
	17:30	19:00	1.50	WOR	16		P		ND BOP & STRIP BOP OVE 6' PUP JT. LD PUP JT & PKR. NU BOP. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED
5/21/2015	6:00	6:00	24.00	WOR	18		P		NO ACTIVETY TODAY. CONSULTANT ATTENDED QUARTERLY SAFETY MEETING. RIG CREW ATTENDED ANNUAL SAFETY TRAINING
5/22/2015	6:00	7:30	1.50	WOR	28		P		TGSM & JSA (NU PROCEDURES)
	7:30	14:00	6.50	WOR	16		P		TEST VOID IN A FLANGE LEAKED OFF, NIPPLE DOWN A FLANGE, RIH W 9 5/8" TENSION PACKER, 1 JT, SET PACKER PU ON 9 5/8" TO 50,000#, NO MOVEMENT. NU A FLANGE, AND BOP, RIH ISOLATE CASING LEAK FROM 152' TO 183'. CALLED DENNIS INGRAM HE LET SAID THAT IT WAS A BLM WELL BUT WAS FINE WITH OUR OPPS. TO KEEP HIM INFORMED ON PROGRESS.
	14:00	17:00	3.00	WLWORK	18		P		RIH W/ 2 CONSECUTIVE DUMP BAILER RUNS DUMPING 14' SAND. WITH COLLAR LOCATER APPEARS THAT THERE IS 6 1/2" SEPARATION FROM 150' TO 156 1/2'. SHUT WELL IN W/ BLIND RAMS CLOSED & LOCKED & CSG VALVES CLOSED & CAPPED.
5/23/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	12:00	4.50	WOR	16		P		BWD, ND 7" BOPE, RIH W/ PACKER SET @ 30', MAKE OUT HOT WORK PERMITS. WELD SLIPS TO CASING. NU 13 5/8" 5K BOPE. RU WORK FLOOR.
	12:00	18:00	6.00	WOR	45		P		MU 9 5/8" CASING SPEAR, 4 3/4" SURFRACE JARS, 4 3/4" DCS, RIH SPEAR CASING START JARRING ATTEMPTING TO JAR CASING FREE, W/ NO SUCCES, LAY DOWN FISH. SHUT AND LOCK BLIND RAMS. CSG VALVES CLOSED & CAPPED.
5/24/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/25/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/26/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR HOLIDAY WEEK END
5/27/2015	6:00	7:30	1.50	WLWORK	28		P		CT TGSM & JSA (WIRE LINE OPERATIONS)
	7:30	10:30	3.00	CHLOG	18		P		RUN 60 FINGER CASING CALIPER LOG FROM 2000' TO SURFACE. CASING WAS PARTED @ 150'. RUN CBL APPEARS LIKE THERE IS TO MUCH CEMENT TO PULL 9 5/8". RDMOL W/ WIRE LINE CREW.
	10:30	14:30	4.00	WOR	44		P		WAIT ON APPROVAL FROM BLM TO MOVE FORWARD.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/28/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (CEMENT PUMPING OPERATIONS)
	7:30	10:30	3.00	MIRU	01		P		MIRU HALLIBURTON CEMENT EQUIPMENT, PRESSURE TEST LINES TO 5K. PUMP 50 BBLS FRESH WATER DOWN 9 5/8" RETURN UP 13 5/8". SHUT IN SURFACE CASING, ESTABLISH INJECTION RATE WITH 9 BBLS, TO 1000 PSIG. 15 MINUTE BLED OFF TO 634. HAD LEAK AT SURFACE ON SURFACE CASING FLANGE, REPAIR AND REDO WITH SIMILAR RESULTS.
	10:30	14:30	4.00	WOR	06		P		MIX AND PUMP 100 SX NEAT G CEMENT WITH 2% CALCIUM CHLORIDE ON FLY, DOWN CASING RETURNING UP SURFACE CASING. GOOD CEMENT RETURNS AFTER 18.5 BBLS, SHUT IN SURFACE CASING. MIX AND PUMP ADDITIONAL 100 SX CEMENT. @ 1 BPM TO 1/2 BPM MAX PRESSURE 1000 PSIG, CIRCULATE SURFACE LINES CLEAN. STAGE IN 8 BBLS FRESH WATER IN 2 BBLS AT TIME BUMPING UP TO 1000 PSIG LETTING SIT FOR 30 MINUTES, 30 MINUTES, 15 MINUTES, 15 MINUTES. BLED OFF TO 600 PSIG AFTER LAST BUMP UP AND LET SIT FOR 30 MINUTES.
	14:30	15:30	1.00	RDMO	02		P		RIG DOWN MOL W/ HALLIBURTON, RU POWER SWIVEL.
5/29/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (DRILLING CEMENT)
	7:30	14:30	7.00	WOR	72		P		TEST CASING TO 1000 PSIG, BLED OFF TO 600 (LEAKING UP SURFACE CASING) RU SWIVEL RIH W 8 1/2" BIT, BIT SUB, 1 4 3/4" DCS, X/O TO 8RD, 10' PUP, CIH W 2 7/8" TBG, TAG 1ST STRINGER @ 76' CIH TAG SOLID CEMENT @ 96' DRILL CEMENT TO 172' CIH 226' NO STRINGERS, POOH W/ BIT.
	14:30	15:30	1.00	WOR	18		P		TEST CASING TO 1000 PSIG, LOST 100# IN 15 MINUTES, W/ SURFACE CASING OPEN, (ISOLATED RIG PUMP), RETEST W/ SURACE CASING CLOSED HELD 1000 PSIG FOR 15 MINUTES.
	15:30	22:00	6.50	WOR	16		P		RD WORK FLOOR AND TBG EQUIPMENT, ND 13 5/8" BOPE, SPOOLS, NU & TEST TUBING HEAD, COULD NOT GET WELL HEAD TO TEST AFTER PUMPING FULL OF PACKING NU 5K 7 1/16" BOPE SWIFD CT
5/30/2015	6:00	7:30	1.50	WOR	18		P		CT TGSM & JSA (NU PROCEDURES)
	7:30	17:00	9.50	WOR	16		P		NIPPLE DOWN BOP & A FLANGE, SET PACKER, MONITER GAS READINGS, WRITE HOT WORK PERMIT, CUT OF 3" OF CASING STUB, WELD ON 4 3/4", LET COOL OFF, REPLACE SEALS IN WELL HEAD, NU A FLANGE AND BOPE. INSTALL PACKING. TEST TO 1000 PSIG FOR 5 MINUTES GOOD TEST.
	17:00	18:00	1.00	WOR	18		P		CHART TEST 9 5/8" @ FOR 30 MINUTES NO PRESSURE LOSS, CHART TEST 13 3/8" FOR 30 MINUTES W/ 40# LOSS. NIPPLE DOWN BOP.
	18:00	19:00	1.00	WOR	39		P		STRIP BOP OVER RETRIEVING HEAD, NU BOP, RU WORK FLOOR, RIH W/ RETRIEVING HEAD, 10' PUP JT, 60 JTS 2 7/8" 8RD EUE TBG. SHUT AND LOCK PIPE RAMS. INSTALL & SHUT TIW VALVE W/ NIGHT CAP. SHUT AND NIGHT CAP CASING VALVES. CT
5/31/2015	6:00	7:30	1.50	WOR	28		P		CT TGSM & JSA (TRIPPING TBG)
	7:30	14:30	7.00	WOR	40		P		CIH W/ 184 JTS TAG SAND @ 6950' RU TBG SWIVEL, PUMP AND RETURN LINES, BREAK CIRCULATION. CIRCULATE SAND OFF RBP, LATCH ON & RELEASE, CIRCULATE WELL CLEAN. POOH W/ RBP. POOH W/ TBG L/D AND RETIRE RBP.
	14:30	18:30	4.00	WOR	39		P		PUMU & RIH W/ SOLID NO-GO, 2 JTS 2 7/8" 8RD EUE TBG, 5 1/2" PBGA W/ DIP TUBE, +45 PSN, 6' PUP JT, 4 JTS 2 7/8", 9 5/8" WCS TAC 8 1/16" O.D, 274 JTS 2 7/8" 8RD EUE TBG. RD WORK FLOOR AND TBG EQUIPMENT. ND BOP. SET TAC @ 8879, PSN @ 9020', EOT @ 9115'. NU B FLANGE, INSTALL 3/8" CAP TUBE. MU PUMP T AND FLOW BACK LINES. SHUT IN TBG, SEND CASING TO FACILITIES CONTACT NIGHT LEASE OPERATOR.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
6/1/2015	6:00	6:00	24.00	WOR	18		P		SHUT DOWN FOR WEEK END
6/2/2015	6:00	7:30	1.50	WOR	18		P		TGSM & JSA (RIH W/ RODS)
	7:30	11:30	4.00	WOR	39		P		FLUSH TBG W/ 65 BBLS KCL W/ 10 GAL INHIBITORS, PUMU & RIH W/ 2 1/2" X 1 3/4" X 38' WALS RHBC, 19 1 1/2" WT BARS, 100 3/4", 135 7/8", 102 1", SPACE OUT W/ 2-2' PONIES AND 1 1/2" X 40' P ROD. F&T W/ 15 BBLS, L/S TO 1000 PSIG.
	11:30	14:00	2.50	RDMO	02		P		RIG DOWN, SLIDE UNIT, NO TAG & PUMPING TOT LEASE OPERATOR.

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